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OF

# BOWDOIN COLLEGE

AND THE

MEDICAL SCHOOL OF MAINE



1900-1901

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CATALOGUE

OF

# BOWDOIN COLLEGE

AND THE

MEDICAL SCHOOL OF MAINE

1900-1901



BRUNSWICK, MAINE

1900

1900							1901							1901						
JULY							JANUARY							JULY						
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8	9	10	11	12	13	14	6	7	8	9	10	11	12	7	8	9	10	11	12	13
15	16	17	18	19	20	21	13	14	15	16	17	18	19	14	15	16	17	18	19	20
22	23	24	25	26	27	28	20	21	22	23	24	25	26	21	22	23	24	25	26	27
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AUGUST							FEBRUARY							AUGUST						
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16	17	18	19	20	21	22	16	17	18	19	20	21	22	22	23	24	25	26	27	28
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30	31	..	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..

# CALENDAR.

1900

- Sept. 18—First Term began, . . . . . Tuesday.  
 Nov. 29-Dec. 2—Thanksgiving Recess, . . . . . Thursday to Sunday.  
 Dec. 20—Sophomore Prize Declamation, . . . . . Thursday.  
 Dec. 17-21—Examinations, . . . . . Monday to Friday.  
 Dec. 27-29—Entrance Examinations of the Medical School,  
 Thursday to Saturday.

## VACATION OF TWO WEEKS.

1901

- Jan. 2—Medical Lectures begin, . . . . . Wednesday.  
 Jan. 8—Second Term begins, . . . . . Tuesday.  
 Feb. 14—Senior Prize Speaking, . . . . . Thursday.  
 Feb. 22—Holiday (Washington's Birthday), . . . . . Friday.  
 April 1-5—Examinations, . . . . . Monday to Friday.

## VACATION OF ONE WEEK.

- April 16—Third Term begins, . . . . . Tuesday.  
 May 30—Holiday (Memorial Day), . . . . . Thursday.  
 June 14—Ivy Day, . . . . . Friday.  
 June 14-15—Entrance Examinations at Preparatory Schools,  
 Friday and Saturday.  
 June 17-21—Examinations, . . . . . Monday to Friday.  
 June 17-25—Medical School Examinations,  
 Monday to Tuesday of following week.  
 June 23—Baccalaureate Sermon, . . . . . Sunday.  
 June 24—Junior Prize Declamation, . . . . . Monday.  
 June 25—Class Day, . . . . . Tuesday.  
 June 26—Graduation Exercises of the Medical School, Wednesday.  
 June 27—Commencement Day, . . . . . Thursday.  
 June 27—Annual Meeting of the Alumni, . . . . . Thursday.  
 June 28-29—Entrance Examinations, . . . . . Friday and Saturday.

## VACATION OF TWELVE WEEKS.

- Sept. 16-18—Entrance Examinations, . . . . . Monday to Wednesday.  
 Sept. 17—First Term begins, . . . . . Tuesday.

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BOWDOIN COLLEGE was incorporated by the General Court of Massachusetts, upon the joint petition of the Association of Ministers and the Court of Sessions of Cumberland County. The act of incorporation was signed by Governor Samuel Adams, June 24, 1794.

The College was named in honor of JAMES BOWDOIN, a graduate of Harvard in 1745, a delegate to the first Congress in Philadelphia, the President of the Convention which adopted the Constitution of Massachusetts, and subsequently Governor of the State. In addition to his civil honors, he was a member of various foreign societies, the first President of the American Academy of Arts and Sciences, and a valued friend and correspondent of Benjamin Franklin.

The earliest patron of the College was the Hon. James Bowdoin, son of the Governor. He was graduated at Harvard College in 1771, and subsequently studied at the University of Oxford. In President Jefferson's administration he was appointed successively Minister Plenipotentiary to the Court of Spain and Associate Minister to the Court of France. During his residence abroad he accumulated a valuable library, a collection of paintings and drawings by old and modern masters, a cabinet of minerals and fossils, together with models of crystallography, all of which he bequeathed to the College. During his life-time he gave land, money, and apparatus to the College, and at his death it became, by will, his residuary legatee.

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\*Deceased.

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80 Federal Street.

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John Gregson, Jr.,	<i>Wiscasset,</i>	A. Δ. Φ. House.
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Herbert Lindsey Swett,	<i>Bangor,</i>	Δ. K. E. House.
Lester Dean Tyler,	<i>Hollis,</i>	30 M. H.
Harold Penniman Vose,	<i>Machias,</i>	30 M. H.
Harry Eaton Walker,	<i>Ellsworth,</i>	10 A. H.
William Moncena Warren,	<i>Bangor,</i>	20 M. H.
George Currier Wheeler,	<i>Farmington,</i>	9 M. H.
John Humphrey White,	<i>Lewiston,</i>	A. Δ. Φ. House.
Roscoe Everett Whiting,	<i>Brunswick,</i>	4 Green St.
Stanley Chandler Willey,	<i>Cherryfield,</i>	18 M. H.
John Howard Wyman,	<i>Skowhegan,</i>	16 Cleaveland St.
Clemens Andrew Yost,	<i>Portsmouth, O.,</i>	28 M. H.

## JUNIORS—CLASS OF 1902.

NAME.	RESIDENCE.	ROOM.
Edward Swasey Anthoine,	<i>Portland,</i>	21 M. H.
John Appleton,	<i>Bangor,</i>	Δ. K. E. House.
Ben Barker,	<i>Portland,</i>	11 W. H.
Nat Bailey Twycross Barker,	<i>Cedar Grove,</i>	7 W. H.
Charles Edgar Bellatty,	<i>Ellsworth,</i>	32 M. H.
Robert Sanford Benson,	<i>Snow's Falls,</i>	17 Everett St.
Thomas Herbert Blake,	<i>Bangor,</i>	12 M. H.
Ralph Porter Bodwell,	<i>Brunswick,</i>	40 Cumberland St.
Edward Edgecombe Carter,	<i>Bath,</i>	24 A. H.
Philip Howard Cobb,	<i>Portland,</i>	Δ. K. E. House.
Lyman Abbott Cousens,	<i>Portland,</i>	21 M. H.
Richard Bryant Dole,	<i>Portland,</i>	17 W. H.
Fred Henry Dorman,	<i>Lynn, Mass.,</i>	9 M. H.
Harold Benjamin Eastman,	<i>Woodfords,</i>	Δ. K. E. House.
Ernest Woodbury Files,	<i>W. Gorham,</i>	30 W. H.
William Laberee Flye,	<i>Sheepscot,</i>	30 W. H.
George Edwin Fogg,	<i>Portland,</i>	21 W. H.
Ernest Bertram Folsom,	<i>Stroudwater,</i>	17 W. H.
John Arthur Furbish,	<i>Brunswick,</i>	10 Cumberland St.
William Skelton Garcelon,	<i>Lewiston,</i>	17 A. H.
Harvey Dow Gibson,	<i>N. Conway, N. H.,</i>	21 A. H.
Erwin Garfield Giles,	<i>E. Brownfield,</i>	18 A. H.
Lee Thomas Gray,	<i>Lubec,</i>	32 M. H.
Herbert Leroy Grinnell, Jr.,	<i>Bath,</i>	16 W. H.
Daniel Irving Gross,	<i>Orland,</i>	8 School St.
Eben Ricker Haley,	<i>Gardiner,</i>	23 M. H.
Benjamin Pierce Hamilton,	<i>Waterboro,</i>	8 School St.
James Oliver Hamilton,	<i>Waterboro,</i>	8 School St.
Benjamin Franklin Hayden,	<i>S. Portland,</i>	13 M. H.
Edmund Hayes,	<i>Farmington,</i>	A. Δ. Φ. House.
John Warren Higgins,	<i>Starks,</i>	15 M. H.
Almon Franklin Hill, Jr.,	<i>Woodfords,</i>	29 A. H.
Charles Henry Hunt,	<i>Portland,</i>	25 W. H.
Harry Joseph Hunt,	<i>Bangor,</i>	A. Δ. Φ. House.
Benjamin Edward Kelley,	<i>Boothbay,</i>	28 M. H.
Eugene Robert Kelley,	<i>Island Falls,</i>	32 M. H.
Irving Ellis Mabry,	<i>East Hiram,</i>	18 A. H.
Harrison King McCann,	<i>Westbrook,</i>	21 A. H.
Perez Benjamin Merrill,	<i>Littleton, Mass.,</i>	32 A. H.

# CLASS OF 1903.

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NAME.	RESIDENCE.	ROOM.
Edward Whiteside Moore,	<i>Champlain, N. Y.,</i>	82 Federal St.
Sidney Webb Noyes,	<i>Portland,</i>	25 W. H.
Clifford Hamilton Preston,	<i>Farmington,</i>	15 A. H.
Andrew Stroud Rodick,	<i>Bar Harbor,</i>	24 A. H.
Charles Edgar Rolfe, 2d,	<i>Unity,</i>	A. Δ. Φ. House.
John Hudson Sinkinson,	<i>Portland,</i>	12 M. H.
Frederic Arthur Stanwood,	<i>Wellesley, Mass.,</i>	A. Δ. Φ. House.
Ralph Bushnell Stone,	<i>Otter River, Mass.,</i>	14 W. H.
Harry Gordon Swett,	<i>Brunswick,</i>	9 Page St.
George Rowland Walker,	<i>Portland,</i>	Δ. K. E. House.
William Leavitt Watson,	<i>Portland,</i>	Δ. K. E. House.
Harold Randall Webb,	<i>Brunswick,</i>	10 Lincoln St.
William Ellery Wing,	<i>North Anson,</i>	15 M. H.

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## SOPHOMORES—CLASS OF 1903.

Edward Farrington Abbott,	<i>Auburn,</i>	22 A. H.
Ralph Andrews,	<i>Kennebunk,</i>	11 Potter St.
Harris Clark Barrows,	<i>Augusta,</i>	28 W. H.
Robert Calvin Bisbee,	<i>Bethel,</i>	19 M. H.
Merrill Blanchard,	<i>Maynard, Mass.,</i>	12 W. H.
Philip Greely Clifford,	<i>Portland,</i>	16 M. H.
Philip Owen Coffin,	<i>Brunswick,</i>	Coffin St.
Charles Patrick Connors,	<i>Bangor,</i>	11 W. H.
Luther Dana,	<i>Westbrook,</i>	22 A. H.
Edward Augustus Dunlap, Jr.,	<i>Brunswick,</i>	27 Federal St.
Leon Jerome Emerson,	<i>Brunswick,</i>	Elm House.
Henry Garfield Farley,	<i>Portland,</i>	6 W. H.
George Bourne Farnsworth,	<i>Bethel,</i>	27 A. H.
Samuel Braley Gray,	<i>Oldtown,</i>	Δ. K. E. House.
John Adolph Green,	<i>Coplin,</i>	6 M. H.
John Alfred Harlow,	<i>Brewer,</i>	12 W. H.
Philip Talbot Harris,	<i>East Machias,</i>	14 W. H.
Andy Percy Havey,	<i>W. Sullivan,</i>	Δ. K. E. House.
Ralph Wellington Hellenbrand,	<i>Oldtown,</i>	Δ. K. E. House.
Albert Perry Holt,	<i>N. Billerica, Mass.,</i>	A. Δ. Φ. House.
Harris Allen Jones,	<i>Portland,</i>	22 W. H.
Sydney Bartels Larrabee,	<i>Portland,</i>	10 M. H.
Franklin Lawrence,	<i>Portland,</i>	24 W. H.
George E. Libby, Jr.,	<i>Portland,</i>	27 M. H.
Farnsworth Gross Marshall,	<i>Portland,</i>	1 W. H.

NAME.	RESIDENCE.	ROOM.
Selden Osgood Martin,	<i>Foxcroft,</i>	5 Bath St.
Donald Edward McCormick,	<i>Boothbay Harbor,</i>	28 W. H.
Edward Folsom Merrill,	<i>Skowhegan,</i>	31 M. H.
John Lincoln Mitchell,	<i>Brunswick,</i>	22 W. H.
Edward Fairfield Moody,	<i>Portland,</i>	20 A. H.
Ernest Linwood Moore,	<i>Ellsworth,</i>	9 A. H.
Irving Wilson Nutter,	<i>Bangor,</i>	Δ. K. E. House.
Fred Sanford Palmer,	<i>S. Brewer,</i>	32 W. H.
Henry Adams Peabody,	<i>Portland,</i>	24 M. H.
James Blenn Perkins,	<i>Bath,</i>	10 W. H.
Niles Lee Perkins,	<i>Weeks' Mills,</i>	1 W. H.
Moses T. Phillips,	<i>S. Brewer,</i>	32 W. H.
Grant Pierce,	<i>Fairfield Center,</i>	26 W. H.
Harold Boswell Pratt,	<i>New York, N. Y.,</i>	11 M. H.
Paul Preble,	<i>Auburn,</i>	14 M. H.
Joseph Randall Ridlon,	<i>Gorham,</i>	30 W. H.
Thomas Harrison Riley, Jr.,	<i>Brunswick,</i>	46 Pleasant St.
Clement Franklin Robinson,	<i>Brunswick,</i>	214 Maine St.
George Shaw Sabin,	<i>Portland,</i>	24 W. H.
Michael James Shaughnessy,	<i>Natick, Mass.,</i>	27 W. H.
Charles Carroll Shaw,	<i>Cumberland Center,</i>	6 W. H.
Scott Clement Ward Simpson,	<i>Portland,</i>	26 M. H.
Bertram Louis Smith,	<i>Patten,</i>	2 A. H.
Carl Williams Smith,	<i>Portland,</i>	Δ. K. E. House.
Frederick William Spollett,	<i>Brunswick,</i>	78 Federal St.
Harold Miller Stevens,	<i>Portland,</i>	20 A. H.
Arthur Harris Stockman,	<i>Saco,</i>	6 M. H.
George Hinkley Stover,	<i>Brunswick,</i>	49 Pleasant St.
Herbert Ellery Thompson,	<i>Sebago Lake,</i>	70 Federal St.
Frank Ernest Towne,	<i>Kennebunkport,</i>	8 W. H.
Winfield Chester Towne,	<i>Kennebunkport,</i>	8 W. H.
Blaine Spooner Viles,	<i>Skowhegan,</i>	14 W. H.
Leon Valentine Walker,	<i>Oxford,</i>	27 A. H.
Harrie Linwood Webber,	<i>Lewiston,</i>	14 M. H.
John Prescott Webber, Jr.,	<i>Brookline, Mass.,</i>	Δ. K. E. House.
Francis Joseph Welch,	<i>Portland,</i>	25 A. H.
Thomas Carter White,	<i>Lewiston,</i>	A. Δ. Φ. House.
Leonard Cecil Whitmore,	<i>Brunswick,</i>	63 Federal St.
Gerald Gardner Wilder,	<i>Pembroke,</i>	70 Federal St.
Jesse Davis Wilson,	<i>Brunswick,</i>	10 High St.
Malcolm Sumner Woodbury,	<i>Woodfords,</i>	28 A. H.



## FRESHMEN—CLASS OF 1904.

NAME.	RESIDENCE.	ROOM.
Perce Greeley Allen,	<i>Brunswick,</i>	16 McLellan St.
Bernard Archibald,	<i>Houlton,</i>	6 A. H.
Emery Oliver Beane,	<i>Hallowell,</i>	8 M. H.
Henry Eugene Beverage,	<i>Thomaston,</i>	25 A. H.
Joseph Sturgis Bradstreet,	<i>Gardiner,</i>	12 A. H.
John Merrill Bridgham,	<i>Dexter,</i>	84 Federal St.
Ernest Lord Brigham,	<i>Kennebunk,</i>	11 Potter St.
Myrton Andrew Bryant,	<i>Westbrook,</i>	32 A. H.
George William Burpee,	<i>Houlton,</i>	13 Everett St.
Frank Harold Byram,	<i>Freeport,</i>	16 McLellan St.
Gilman Hutchins Campbell,	<i>S. Portland,</i>	234 Maine St.
Herbert Weymouth Cass,	<i>Dover,</i>	6 Cleaveland St.
Thomas Emerson Chase,	<i>Auburn,</i>	26 A. H.
Philip Maclean Clark,	<i>Portland,</i>	24 M. H.
Henry Charles Clary,	<i>Hallowell,</i>	5 Noble St.
William Frederick Coan,	<i>Auburn,</i>	A. Δ. Φ. House.
Marshall Perley Cram,	<i>Brunswick,</i>	83 Federal St.
Theo. Woodman Cunningham,	<i>Bucksport,</i>	25 M. H.
Samuel Trask Dana,	<i>Portland,</i>	17 M. H.
Carroll Hobart Dennison,	<i>East Machias,</i>	Elm House.
Chester Burge Emerson,	<i>Farmington, N. H.,</i>	13 W. H.
Harold Josselyn Everett,	<i>Portland,</i>	26 M. H.
John William Frost,	<i>Topsham,</i>	Topsham.
Will Day Gould,	<i>Kennebunkport,</i>	26 W. H.
Clyde Franklin Grant,	<i>Fort Fairfield,</i>	4 A. H.
John Hubbard Haley,	<i>Gardiner,</i>	23 M. H.
Chester Truman Harper,	<i>Christiana, Penn.,</i>	6 Cleaveland St.
Eugene Pablo Durant Hathaway,	<i>Wellesley, Mass.,</i>	A. Δ. Φ. House.
Galen Wentworth Hill,	<i>Buxton,</i>	9 Page St.
Fred Chandler Kennedy,	<i>Whitneyville,</i>	Elm House.
George Everett Kimball,	<i>Northeast Harbor,</i>	18 Potter St.
Leon Sturtevant Larrabee,	<i>Portland,</i>	10 M. H.
George Edward Leatherbarrow,	<i>Buxton Centre,</i>	9 Page St.
Clifford Elmer Lowell,	<i>Westbrook,</i>	2 A. H.
William Edward Lunt,	<i>Lisbon,</i>	22 M. H.
Raymond John McCutcheon,	<i>Hallowell,</i>	5 Noble St.
Merton Asa McRae,	<i>Machias,</i>	Elm House.
George Dudley Martin,	<i>Camden,</i>	29 W. H.

NAME.	RESIDENCE.	ROOM.
Harold Elmon Mayo,	<i>Hampden Corner,</i>	5 A. H.
Alphonso Clyde Merryman,	<i>Freeport,</i>	Freeport.
Frank Mikelsky,	<i>Bath,</i>	9 W. H.
Herbert Henry Oakes,	<i>Auburn,</i>	17 M. H.
Cyrus Franklin Packard,	<i>Lewiston,</i>	A. Δ. Φ. House.
Harry Lane Palmer,	<i>Revere,</i>	12 Page St.
Wallace Merton Powers,	<i>Portland,</i>	27 M. H.
George Colby Purington, Jr.,	<i>Farmington,</i>	13 W. H.
Fred Lysander Putnam,	<i>Houlton,</i>	6 A. H.
Wilbur Garfield Roberts,	<i>Alfred,</i>	252 Maine St.
Harold Wood Robinson,	<i>Auburn,</i>	3 M. H.
William Thomas Rowe,	<i>Portland,</i>	23 W. H.
Carl Waldron Rundlett,	<i>South Portland,</i>	15 W. H.
Fitz Edward Sargent,	<i>Falmouth Foreside,</i>	23 W. H.
Harry Clayton Saunders,	<i>Portland,</i>	23 W. H.
Alfred Loomis Sawyer,	<i>Fort Fairfield,</i>	4 A. H.
Arthur Carlton Shorey,	<i>Bath,</i>	29 A. H.
Edward Durgin Small,	<i>Westbrook,</i>	2 A. H.
Ralph Stanley Smith,	<i>Newburgh,</i>	80 Federal St.
Austin Edward Spear,	<i>Rockland,</i>	18 W. H.
Harold Charles Trott,	<i>Portland,</i>	252 Maine St.
Raymond Thomas Warren,	<i>Castine,</i>	18 Potter St.
George Burgess Whitney,	<i>Hudson, Mass.,</i>	Elm House.
Walter Keene Wildes,	<i>Skowhegan,</i>	12 A. H.
Charles Arnold Wyndham,	<i>Lisbon Falls,</i>	26 A. H.



# ADMISSION TO THE COLLEGE.

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Candidates for admission to the Freshman Class are examined in the following subjects:

## ENGLISH.

### I. ENGLISH GRAMMAR AND COMPOSITION.

II. READING AND PRACTICE. The candidate will be required to present evidence of a general knowledge of the subject-matter of the books mentioned, and to answer simple questions on the lives of their authors. The examination will usually be the writing of a paragraph or two on each of several topics set in the paper given the candidate. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books. The books for this part of the examination will be:

For 1901 and 1902—Shakespeare's *Merchant of Venice*; Pope's *Iliad*, Books I, VI, XXII, and XXIV; the Sir Roger de Coverley Papers in the *Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe*; Cooper's *Last of the Mohicans*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*.

For 1903, 1904, and 1905—Shakespeare's *Merchant of Venice* and *Julius Cæsar*; The Sir Roger de Coverley Papers in the *Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe*; Carlyle's *Essay on Burns*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*.

In preparation for this part of the requirement, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

III. STUDY AND PRACTICE. This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure; and will also test the candidate's ability to express his knowledge with clearness and accuracy. The books for this part of the examination will be:

For 1901, 1902, and 1903—Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

## MATHEMATICS.

I. ALGEBRA. The requirement in Algebra embraces the following topics: All elementary processes necessary for the solution of simultaneous equations of the first degree; the statement and solution of problems leading to these equations; treatment of inequalities; doctrine of square and cube root; theory of exponents; radicals and imaginaries; solution of quadratics and equations in quadratic form by the method of completing the square, by factoring, and by a formula; discussion of the properties of quadratics; quadratics containing two unknown quantities, and the solution of problems leading thereto; ratio, proportion, and variation; the progressions; binomial theorem for positive integral exponents.

II. PLANE GEOMETRY. The requirement in Plane Geometry includes the theorems and exercises of the ordinary school text-book; mensuration of plane figures; and numerical problems based on the text. The candidate should be able to write formal demonstrations of simple original theorems.

## LATIN.

I. PRELIMINARY LATIN. The Preliminary Examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts:

(a) The translation at sight of simple Latin prose and verse.

(b) A thorough examination on Cicero's second, third, and fourth speeches against Catiline, directed to testing the candidate's mastery

of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Latin prose, involving the use of such words, constructions, and idioms only, as occur in the speeches prescribed.

II. FINAL LATIN. The Final Examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *four* school years. It will consist of two parts:

(a) The translation at sight of passages of Latin prose and verse, with questions on ordinary forms, constructions, and idioms, and on prosody.

(b) The translation into Latin prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Latin prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

### III. OUTLINES OF ROMAN HISTORY AND GEOGRAPHY.

## GREEK.

I. PRELIMINARY GREEK. The Preliminary Examination will be adapted to the proficiency of those who, in addition to the course defined as suitable preparation for the Preliminary Examination in Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *two* school years. It will consist of two parts:

(a) The translation at sight of passages of simple Attic prose.

(b) A thorough examination on Xenophon's *Anabasis*, Book II, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Attic prose, involving the use of such words, constructions, and idioms only, as occur in the portion of Xenophon prescribed.

II. FINAL GREEK. The Final Examination will be adapted to the proficiency of those who, in addition to the course defined as a suitable preparation for the Final Examination in Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts:

(a) The translation at sight of passages of Attic prose and of Homer, with questions on ordinary forms, constructions, and idioms, and on prosody.



(b) The translation into Attic prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Greek prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

### III. OUTLINES OF GREEK HISTORY AND GEOGRAPHY.

NOTE. The chief aim of the examinations in Latin and Greek, which are approved by the Commission of Colleges in New England on Admission Examinations, is to test the candidate's proficiency in Latin and Greek grammar, translation at sight, and Latin and Greek composition. It is not expected that more time or a materially larger amount of reading than formerly will be needed for such preparation. It is hoped, however, that better results may be reached through improved methods of instruction, directed to these more definite ends.

### ADMISSION WITHOUT GREEK.

Candidates who do not offer Greek for admission are required to offer, in place of it, one of the following four subjects or groups of subjects:

I. FRENCH. (1) Elements of French grammar as represented by Whitney's Grammar, Part I. (2) French prose composition as represented by Macmillan's Prose Composition, Part I, pp. 1-76. (3) Ability to read French, to be acquired by careful study of at least 1,500 pages of modern French. (4) Ability to pronounce French and to understand it when pronounced.

II. GERMAN. (1) Elements of German grammar, including declension of such nouns as are easily classified, of adjectives and pronouns, conjugation of the weak and the more common strong verbs, use of modal auxiliaries, rules of syntax, and the order of words in the German sentence. (2) Ability to translate at sight simple prose, in preparation for which the student should read at least 400 pages of prose and 40 pages of ballads or lyrics. (3) Ability to pronounce German and to understand it when pronounced. (4) Ability to render English sentences into idiomatic German. As a guide for the work of preparation in German, the College recommends *The Intermediate Course in German*, formulated by the Committee of Twelve of the Modern Language Association of America. Copies of the Report of the Committee may be had on application to the U. S. Bureau of Education, Washington, or of D. C. Heath and Co., Boston, at a nominal price.



III. (A.) CHEMISTRY. (1) General chemistry as represented by Remsen's Introduction to Chemistry or Storer and Lindsay's Elementary Chemistry. (2) Elementary qualitative analysis for bases and acids. Candidates must present note-books, certified by their instructors, in which are the results of their own experiments; and not less than one-half of the time spent upon chemistry must have been given to laboratory work. A part of the examination will consist of the analysis of a substance in the laboratory.

(B.) MATHEMATICS. (1) Algebra. The following subjects or their equivalents: Indeterminate equations, undetermined coefficients, binomial theorem, theory of limits, logarithmic series, solution of equations by synthetic division with necessary theorems, and graphs of quantics, with rational, or with not more than two irrational or imaginary roots. (2) Solid Geometry as represented by the ordinary college text-books. Candidates must readily solve problems of solid mensuration and demonstrate original theorems which may be easily deduced from the text. (3) Plane Trigonometry as represented by the usual text-books. Candidates must be familiar with the theory and use of six place logarithmic tables.

IV. (A.) PHYSICS. Physics as represented by Gage's Elements of Physics or other text-book of equal grade. Candidates must be able to solve numerical examples under the various sections; must have performed forty experiments from Hall and Bergen's text-book, and have kept a note-book containing a written description in their own language of their experiments, with all their calculations. These note-books must be certified by their instructors and presented at the examination.

(B.) MATHEMATICS, as in Group III.

## DEGREES.

Students who either offer Greek for admission, or take Greek as a study in college for two consecutive years, receive the degree of A.B. Those who do not offer Greek for admission, and do not take Greek as a study in college, receive the degree of B.S. or B.L.

## ENTRANCE EXAMINATIONS.

The regular examinations for admission to college will be held in Massachusetts Hall, in Brunswick, on Friday and Saturday, June 28 and 29, 1901, and on Monday, Tuesday and Wednesday, September 16-18, 1901. At the examinations in June, attendance is required at 8 A. M. on Friday. At the examinations in September, attendance is required at 1.30 P. M. on Monday. The examinations are chiefly in writing.

EXAMINATIONS AT PREPARATORY SCHOOLS. By vote of the Faculty, printed examination papers in certain of the subjects required for admission to college will be furnished to the principal of any High School or Academy of good standing, having a regular college preparatory course of not less than three years in length, for the use of such of his students as propose to join the next Freshman class at Bowdoin. In exceptional cases, the conduct of the examinations may, on the recommendation of the principal, be entrusted to some other person approved by the Faculty.

The following are the subjects in which papers will be sent: 1, English; 2, Preliminary Greek; 3, Final Greek; 4, Preliminary Latin; 5, Final Latin; 6, Algebra; 7, Plane Geometry.

On each of the above subjects, except Final Latin, one paper is sent. In Final Latin there are two papers (Parts I and II), the second of which includes Latin Composition and Roman History and Geography. Questions in Greek History and Geography are included in the final paper in Greek.

No papers will be sent in either French, German, Advanced Mathematics, Chemistry, or Physics. The entrance examinations in these subjects can be taken only at Brunswick.

In holding entrance examinations elsewhere than in Brunswick, the following regulations are to be observed:

1. Papers are sent only in June. The dates for holding the examinations this year are June 14 and 15. *Under no circumstances can papers be sent at any other dates.*

2. Applications for papers, addressed to the Registrar, must be received *not later than June 7*, and should state the name of the school, the subjects in which papers are desired, and the number of students to be examined in each subject.

3. Printed examination papers, together with the requisite number of blue-books, will be sent to the principal by express, prepaid, in time for the examination. On the completion of the examination, the books are to be at once returned by express, C. O. D.

4. The examinations are to be conducted by the principal in conformity to a schedule of hours fixed by the College. Copies of the schedule can ordinarily be obtained by May 15, on application to the Registrar.

Examinations are also held at Thornton Academy, Saco; at Washington Academy, East Machias; at Fryeburg Academy; and at Lincoln Academy, Newcastle, these schools having been made special fitting schools for the College by the action of their several Boards of Trustees, in concurrence with the Boards of Trustees and Overseers of the College. In 1900, entrance examinations, under the charge of representatives of the College, were also held at Auburn and Bangor.

The entrance examinations may, if the candidate prefers, be divided between two successive years, or between June and September of the same year. In that case a certificate will be given for such subjects as are passed at the preliminary examination.

A report of the results of the examinations, whether at Brunswick or elsewhere, is made to the principal, and also to the candidate, within one week after Commencement.

### ADVANCED STANDING.

Candidates for admission to the Sophomore, Junior, and Senior classes who do not present certificates from other colleges, are examined in the studies already pursued by the class which they wish to enter, equivalents being accepted for the books and authors studied by the class. No one is admitted to the Senior Class after the beginning of the second term. Applications for admission to advanced standing should be addressed to the Chairman of the Committee on Admission to Advanced Standing (see p. 13).

### TESTIMONIALS AND CERTIFICATES.

Testimonials of good moral character must in all cases be presented before tickets of admission are granted. A testimonial is preferred from the teacher under whom the preparatory course was completed. A student from another college, before he can be admitted, must present a certificate of regular dismissal.

### BOND.

A bond for two hundred dollars, with satisfactory sureties, must be filed with the Treasurer by every student on his admission to

college, as security for the payment of his term bills and any other charges that may arise under the college laws. A blank form for this purpose will be given with the ticket of admission.

### SPECIAL STUDENTS.

Persons who give evidence of maturity, earnestness of purpose, and adequate preparation, will be allowed to pursue special studies in connection with the regular classes, without becoming matriculated members of the College. Applications for admission as special students should be addressed to the Chairman of the Committee on Admission to Advanced Standing (see p. 13).

## REQUIRED STUDIES.

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The variety of subjects that may be offered for admission, and the maintenance of a distinction between candidates for the degree of A.B. and candidates for the degrees of B.S. or B.L., divide the students into nine classes or groups, which in the accompanying table (p. 31), and in the account of courses of instruction, are designated as follows:

Class I. Candidates for the degree of A.B. who offer Greek for admission.

Class II. Candidates for the degree of A.B. who offer German.

Class III. Candidates for the degree of A.B. who offer French.

Class IV. Candidates for the degree of A.B. who offer Chemistry and Mathematics.

Class V. Candidates for the degree of A.B. who offer Physics and Mathematics.

Class VI. Candidates for the degrees of B.S. or B.L. who offer German.

Class VII. Candidates for the degrees of B.S. or B.L. who offer French.

Class VIII. Candidates for the degrees of B.S. or B.L. who offer Chemistry and Mathematics.

Class IX. Candidates for the degrees of B.S. or B.L. who offer Physics and Mathematics.

The courses required of each of the above classes are shown in the table following. In addition, a course in Physical Training is required of all students during the second term of each year, and theme writing throughout the Junior year. All other courses are elective.

**FRESHMAN YEAR.**

[illegible]

## SOPHOMORE YEAR.

Rhetoric 1, 2, and 3.	Rhetoric 1, 2, and 3.	Rhetoric 1, 2, and 3.	Rhetoric 1, 2, and 3.	Rhetoric 1, 2, and 3.	Rhetoric 1, 2, and 3.
German 1, 2, and 3.	Greek 1, 2, and 3.	Greek 1, 2, and 3.	Greek 1, 2, and 3.	Greek 1, 2, and 3.	Rhetoric 1, 2, and 3.
			German 1, 2, and 3.	German 1, 2, and 3.	

# COURSES OF INSTRUCTION.

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## GREEK.

Professor WOODRUFF. Assistant Professor SMITH.

- A. White's First Greek Book. First term: *Mon., Tu., Th., Fri., 3.*
- B. Xenophon's Anabasis, with exercises in writing Greek. Second term: *Mon., Tu., Th., Fri., 3.*
- C. Homer. Third term: *Mon., Tu., Th., Fri., 3.*

Courses A, B, and C are required of Freshmen, Classes II, III, IV, and V. They will be omitted in any year when there are less than three applicants.

- 1. Morgan's Eight Orations of Lysias, with weekly exercises in translating into Greek. First term: Div. A, *Mon., Tu., Fri., 2.* Div. B, *Mon., Tu., Fri., 3.*
- 2. Selected portions of the Odyssey. Second term: Div. A, *Mon., Tu., Fri., 2.* Div. B, *Mon., Tu., Fri., 3.*
- 3. The Gospel of Mark, with essays on New Testament topics. Third term: Div. A, *Mon., Tu., Fri., 2.* Div. B, *Mon., Tu., Fri., 3.*

Courses 1, 2, and 3 are required of Freshmen, Class I, and of Sophomores, Classes II, III, IV, and V.

- 4. Euripides's Iphigenia in Tauris, with study of the origin of the Greek drama, and the construction and usages of the Greek theatre; in alternation with Herodotus. First term: *Mon., Tu., Wed., Fri., 11.30.*
- 5. The Antigone of Sophocles; in alternation with Thucydides. Second term: *Mon., Tu., Wed., Fri., 11.30.*
- 6. The Frogs of Aristophanes; in alternation with Plato. Third term: *Mon., Tu., Wed., Fri., 11.*

Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3. Either course may be taken in two successive years.



7. Selected dialogues of Plato; in alternation with the Lyric Poets. First term: *three hours a week*, at the convenience of instructor and students.
8. Selected tragedies; in alternation with Demosthenes. Second term: *three hours a week*, at the convenience of instructor and students.
9. Selected plays of Aristophanes; in alternation with Lucian. Third term: *three hours a week*, at the convenience of instructor and students.

Courses 7, 8, and 9 are elective for those who have taken Courses 4, 5, and 6. Either course may be taken in two successive years.

10. Teachers' Course. Designed for those who expect to teach Greek. The course includes a review of the fundamentals of Greek grammar, study of selected portions of Xenophon and Homer, and discussion of text-books and methods of teaching. Third term: *three hours a week*, at the convenience of instructor and students.

Course 10 is elective for Seniors, and for Juniors in special cases.

## LATIN.

Professor HOUGHTON. Assistant Professor SMITH.

1. Livy: Selections from Books I, XXI, and XXII. History of the Punic wars. Latin composition. First term: Div. A, *Wed., Fri., 10.30; Sat., 8.30.* Div. B, *Wed., Fri., 8.30; Sat., 10.30.*
2. Horace: Odes and Epodes. Bender's History of Roman Literature. Biographical, historical, and mythological studies, with themes and exercises. Second term: Div. A, *Wed., Fri., 10.30; Sat., 8.30.* Div. B, *Wed., Fri., 8.30; Sat., 10.30.*
3. Selections from various authors in prose and verse. Sight reading. Latin composition. Third term: Div. A, *Wed., Fri., 10; Sat., 8.* Div. B, *Wed., Fri., 8; Sat., 10.*

Courses 1, 2, and 3 are required of all Freshmen. The work in composition and historical, biographical, and mythological study is conducted by Assistant Professor SMITH, who meets the students in small groups.

4. Roman Comedy: Plautus and Terence. Idiomatic rendering of the colloquial language and metrical reading of the original. First term: *Tu., Wed., Fri., Sat., 9.30.*

5. Roman Satire: Horace, Persius, and Juvenal. The private life of the Romans and the social conditions of the first century of the Empire. Second term: *Tu., Wed., Fri., Sat., 9.30.*
  6. Cicero's Letters (Abbott). The history of the last twenty years of the Republic. Third term: *Tu., Wed., Fri., Sat., 9.*  
Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3.
  7. Seneca: Dialogues and Moral Epistles. A considerable amount of text is covered by rapid reading, with special attention to pronunciation and to direct apprehension of the meaning without translation. Assignments are given for private reading. First term: *three hours a week*, at the convenience of instructor and students.
  8. Tacitus: Annals (I-VI), and Suetonius (Augustus and Tiberius). Second term: *three hours a week*, at the convenience of instructor and students.
  9. Lucretius. Third term: *three hours a week*, at the convenience of instructor and students.
  - [10. Cicero de Oratore. Latin writing. Second term.]  
Omitted in 1900-1901.
  - [12. Roman Epics. Third term.]  
Omitted in 1900-1901.
- Courses 7, 8, 9, 10, and 12 are similar in scope and method. They are elective for Juniors and Seniors who have taken Courses 4, 5, and 6, and for others in special cases.
11. Teachers' Course. Designed for those who expect to teach Latin. Methods and aims of classical study. Preparatory authors treated from the teacher's point of view. Second term: *three hours a week*, at the convenience of instructor and students.
- Course 11 is elective for Seniors, and for Juniors in special cases.

## FRENCH.

Professor JOHNSON. Mr. GOODELL.

1. Whitney's French Grammar. Modern Prose. Writing from dictation. First term: Div. A, *Mon., Tu., Th., Sat., 9.30.* Div. B, *Mon., Tu., Th., Sat., 8.30.*
2. Modern Prose and Prose Composition. Dictations. One hundred and fifty pages of outside reading in assigned French texts. Second term: Div. A, *Mon., Tu., Th., Sat., 9.30.* Div. B, *Mon., Tu., Th., Sat., 8.30.*

3. Modern Prose and Prose Composition. Dictations. One hundred and fifty pages of outside reading in assigned French texts. Third term: Div. A, *Mon., Tu., Th., Sat.*, 9. Div. B, *Mon., Tu., Th., Sat.*, 8.  
Courses 1, 2, and 3 are required of all students who do not offer French for admission to college.
4. Literature of the Seventeenth Century. Reading, and criticism in the class-room, of Corneille, Pascal, La Rochefoucauld, Molière, La Fontaine, Mme. de Sévigné, and Racine. Fasnacht's Select Specimens. Required outside reading, reported upon in written analyses: Corneille, *Le Cid*, *Horace*; Molière, *Les Précieuses Ridicules*, *Le Misanthrope*, *L'Avare*, *Tartufe*, *Le Bourgeois-Gentilhomme*; Racine, *Iphigénie*, *Phèdre*, *Esther*, *Athalie*. First term: *Mon., Tu., Th.*, 10.30.
5. Literature of the late Seventeenth and of the Eighteenth Centuries. Continuation of French 4 in the study of Boileau, La Bruyère, Bossuet, Fénelon, and, principally, Montesquieu, Voltaire, Beaumarchais and Mirabeau. Required outside reading, reported upon in written analyses: Boileau, *L'Art Poétique*; Bossuet, *Selected Funeral Orations*; Le Sage, *Gil Blas* (ed. Cohn and Sanderson); Montesquieu, *Lettres Persanes*; Voltaire, *Zadig*, *Zaïre*; Beaumarchais, *Le Mariage de Figaro*. Second term: *Mon., Tu., Th.*, 10.30.
6. Literature of the Nineteenth Century. Continuation of French 5 in the study of, principally, Chateaubriand, Lamartine, Mignet, Balzac, Hugo, Ste. Beuve and Taine. Required outside reading, reported upon in written analyses: De Vigny, *Servitude et Grandeur Militaires*; Hugo, *Les Misérables* (ed. Sumichrast); Mérimée, *Colomba*; G. Sand, *La Mare au Diable*. Third term: *Mon., Tu., Th.*, 10.  
Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3, or an equivalent.
7. Contemporary Sources of the History of the Revolutionary Period, 1789-1799. Crane and Brun's *Tableaux de la Révolution Française*; readings in *Le Moniteur*; H. Morse Stephens's *Orators of the French Revolution*; A. Rambaud's *Histoire de la Révolution Française*. Each member of the class writes as a part of his term's work a biographical study, supported by original references to available contemporary sources, of a principal personage of the time. First term: *three hours a week*, at the convenience of instructor and students.

8. Continuation of Course 7. Second term: *three hours a week*, at the convenience of instructor and students.
9. Continuation of Course 8. Third term: *three hours a week*, at the convenience of instructor and students.

Courses 7, 8, and 9 are elective for a limited number of Juniors and Seniors who have taken Courses 1 to 6, or an equivalent.

## GERMAN.

### Professor FILES.

1. Elementary Course. Grammar. Translation from German into English, and exercises in translating into German. First term: Div. C, *Mon., Tu., Th., Fri.*, 3. Div. D, *Mon., Tu., Th., Fri.*, 2.
2. Elementary Course. Translation of modern German prose and reading at sight. Grammar. Prose composition. Second term: Div. C, *Mon., Tu., Th., Fri.*, 3. Div. D, *Mon., Tu., Th., Fri.*, 2.
3. Elementary Course. Translation of modern German prose and poetry. Reading at sight. Prose composition. Third term: Div. C, *Mon., Tu., Th., Fri.*, 3. Div. D, *Mon., Tu., Th., Fri.*, 2.

Courses 1, 2, and 3 are required of Freshmen, Classes III, VII, VIII, and IX, and of Sophomores, Classes I, IV, and V.

4. The Drama of the Classic Period. Schiller, *Wilhelm Tell*. Reading at sight. Composition. Lectures on the literature of the period. First term: *Tu.*, 10.30; *Th., Sat.*, 9.30.
5. The Drama of the Classic Period. Goethe, *Faust*, Part I. Reading at sight. Composition. Lectures. Second term: *Tu.*, 10.30; *Th., Sat.*, 9.30.
6. Lyrics and Ballads. Von Klenze, *Deutsche Gedichte*. Reading at sight. Composition. Lectures. Third term: *Tu.*, 10; *Th., Sat.*, 9.

Courses 4, 5, and 6 are elective for Juniors and Seniors, and for Sophomores, Classes III, VI, VII, VIII, and IX. They are given in alternation with Courses 10, 11, and 12, and will be omitted in 1901-2.

7. German Prose Composition (advanced course). Practice in writing connected discourse in German. Rapid reading of modern German novels and comedies without translation. The course is conducted in German. First term: *Mon., Th., Sat.*, 11.30.

8. German Prose Composition (advanced course). Continuation of Course 7. Second term: *Mon., Th., Sat., 11.30.*
9. German Prose Composition (advanced course). Essays and themes in German. Rapid reading without translation. The course is conducted in German. Third term: *Mon., Th., Sat., 11.*  
Courses 7, 8, and 9 are elective for Seniors and Juniors who have taken Courses 1, 2, and 3 (or an equivalent) and either 4, 5, and 6, or 10, 11, and 12. The class is limited to twelve. In case more than that number apply, members are chosen by rank in the preceding six courses in German.
- [10. Authors of the Nineteenth Century. Fiction: Dahn, *Ein Kampf um Rom*; Freytag, *Soll und Haben*. Sight reading from works of modern German writers. Prose composition. Informal lectures on the literature of the period. First term.]
- [11. Authors of the Nineteenth Century. Drama: Hauptmann, *Die versunkene Glocke*. Fiction: Sudermann, *Der Katzensteg* or *Frau Sorge*. Reading at sight. Composition. Lectures. Second term.]
- [12. Authors of the Nineteenth Century. Fiction: rapid reading from the works of Baumbach, Seidel, Wildenbruch, and other writers of short stories. Sight reading. Composition. Lectures. Third term.]

Courses 10, 11, and 12 are given in alternation with Courses 4, 5, and 6. They are elective for Juniors and Seniors, and for Sophomores, Classes III, VI, VII, VIII, and IX. They are omitted in 1900-1901, but will be given in 1901-2.

## SPANISH.

Mr. GOODELL.

1. Elementary Spanish. Edgren's Grammar. First term: *one hour a week*, at the convenience of instructor and students.
2. Modern Prose. Matzke's Spanish Reader. Second term: *one hour a week*, at the convenience of instructor and students.
3. Continuation of Course 2. Third term: *one hour a week*, at the convenience of instructor and students.

Courses 1, 2, and 3 count as one full course in the third term. They are elective for Juniors and Seniors.

## ENGLISH LITERATURE.

Professor CHAPMAN.

1. Literature of the Eighteenth Century. The Augustan writers. The beginning and progress of the romantic movement. First term: *Mon., Tu., Wed., Fri., 9.30.*
2. Poets of the Nineteenth Century. Chief representatives of the poetry of the century. About one-half the time of the course is given to Wordsworth, Tennyson, and Browning. Second term: *Mon., Tu., Wed., Fri., 9.30.*
3. American Literature. Lectures, readings, and text-book. Pancoast's Introduction to American Literature. Third term: *Mon., Tu., Wed., Fri., 9.*  
Courses 1, 2, and 3 form a consecutive course throughout the year. They are elective for Juniors and Seniors.
4. Early English Literature to the Fifteenth Century. Lectures, with special study of Beowulf, The Vision of Piers Plowman, and select portions of Chaucer. First term: *Mon., Tu., Th., Fri., 2.*
5. Literature of the Elizabethan period (1500 to 1625). Lectures and readings. Special study of the plays of Shakespeare discussed in Moulton's Shakespeare as a Dramatic Artist. Second term: *Mon., Tu., Th., Fri., 2.*
6. Literature of the Rebellion and Restoration periods (1625 to 1700). Lectures and readings, with particular attention to the prose of Bunyan, Brown, Walton, Taylor, and Milton, and the verse of Milton and Dryden. Third term: *Mon., Tu., Th., Fri., 2.*

Courses 4, 5, and 6 form a consecutive course throughout the year, but either course may be taken without the others. They are elective for Seniors.

## RHETORIC AND ORATORY.

Professor MITCHELL.

## RHETORIC.

1. Genung's Practical Rhetoric. Rhetorical analysis of pieces of good literature; outside reading of modern English prose; four long themes and occasional page themes. First term: Div. A, *Wed., Fri., Sat., 9.30.* Div. B, *Wed., Fri., 10.30; Sat., 8.30.*



2. Genung's Practical Rhetoric; Jevons's Lessons in Logic. Analysis of great orations and arguments; outside reading of argumentative English prose; writing of four forensics; practice in debating. Second term: Div. A, *Wed., Fri., Sat.*, 9.30. Div. B, *Wed., Fri.*, 10.30; *Sat.*, 8.30.
3. Wendell's English Composition. Outside reading of modern English prose; four long themes and occasional page themes. Third term: Div. A, *Wed., Fri., Sat.*, 9. Div. B, *Wed., Fri.*, 10; *Sat.*, 8.

Courses 1, 2, and 3 are required of all Sophomores, and of Freshmen, Class VII.

Themes. Four themes of not less than four hundred words each are required of all Juniors in each term. Subjects for themes are posted two weeks or more before the themes are due. Each theme is carefully read, the mistakes are marked, and a general criticism is written on the outside. The instructor then meets each student, hears him read his theme, points out the faults and merits of his writing, and suggests lines of profitable reading.

#### ELOCUTION.

1. Informal lectures; drill in articulation, intonation, and gesture; short declamations with criticism by both students and instructor. Second term: Div. C, *Th.*, 8.30. Div. D, *Th.*, 2. Div. E, *Th.*, 9.30. Div. F, *Th.*, 3.
2. Declamations, previously rehearsed to the instructor, spoken before the class. Third term: Div. C, *Th.*, 8. Div. D, *Th.*, 2. Div. E, *Th.*, 9. Div. F, *Th.*, 3.

Courses 1 and 2 are required of all Freshmen.

### PHILOSOPHY.

President HYDE.

1. Psychology, and Introduction to Philosophy. James's Psychology; Stout's Manual of Psychology. First term: *Tu., Wed., Th., Fri.*, 8.30.
2. Ethics. Mackenzie's Manual; Plato's Republic; examination of Mill's Utilitarianism and Spencer's Data of Ethics. Second term: *Tu., Wed., Th., Fri.*, 8.30.
3. History of Philosophy. Weber's History of Philosophy; selections from Descartes, Locke, and Berkeley. Third term: *Tu., Wed., Th., Fri.*, 8.



Courses 1, 2, and 3 form a consecutive course throughout the year. They are elective for Seniors.

## ARCHÆOLOGY.

Assistant Professor SMITH.

1. Introduction to Greek Archæology. Text-book and lectures. Study of the prehistoric finds of the Mycenæan age, architecture, painting, vases and terracottas. First term: *four hours a week*, at the convenience of instructor and students.
2. Introduction to Greek Archæology. Continuation of Course 1. Second term: *four hours a week*, at the convenience of instructor and students.
3. Outline of the history of Greek Sculpture. Third term: *four hours a week*, at the convenience of instructor and students.

Courses 1, 2, and 3 are elective for Sophomores, Juniors and Seniors. In 1900-1901, Course 1 will be given in the second term.

## HISTORY AND GOVERNMENT.

Professor MACDONALD.

### HISTORY.

- [1. History of England, to 1509. Gardiner's Students' History of England, Vol. I. First term.]
- [2. History of England, 1509-1689. Gardiner's Students' History, Vol. II. Second term.]
- [3. History of England, 1689-1874. Gardiner's Students' History, Vol. III. Third term.]

Courses 1, 2, and 3 are given in alternation with Courses 7, 8, and 9. They are omitted in 1900-1901, but will be given in 1901-2.

4. American History, to 1789. Thwaites's The Colonies. First term: *Mon., Tu., Wed.*, 11.30.
5. History of the United States, 1789-1829. Hart's Formation of the Union. Second term: *Mon., Tu., Wed.*, 11.30.
6. History of the United States, 1829-1876. Johnston's American Politics. Third term: *Mon., Tu., Wed.*, 11.

Courses 4, 5, and 6 form a consecutive course throughout the year. Course 5 must be preceded by Course 4, and Course 6 by Courses 4 and 5. They are elective for Juniors and Seniors, and for Sophomores, Class VI, but cannot be taken by those who are taking Courses 1, 2, and 3, or 7, 8, and 9.

7. History of Europe, 350-1453. Duruy's History of the Middle Ages. First term: *Tu., Th., Fri., 2.*
8. History of Europe, 1453-1789. Duruy's History of Modern Times. Second term: *Tu., Th., Fri., 2.*
9. History of Europe since 1789. Third term: *Tu., Th., Fri., 2.*

Courses 7, 8, and 9 form a consecutive course throughout the year. Course 8 must be preceded by Course 7, and Course 9 by Courses 7 and 8. They are elective for Sophomores, Juniors, and Seniors, but cannot be taken by those who are taking Courses 4, 5, and 6. They are required of Freshmen, Class VI. Courses 7, 8, and 9 are given in alternation with Courses 1, 2, and 3, and will be omitted in 1901-2.

#### GOVERNMENT.

1. American Government. Bryce's American Commonwealth. First term: *Mon., Wed., Th., 10.30.*
2. Constitutional Law. Cooley's Principles of Constitutional Law; Boyd's Cases on American Constitutional Law. Second term: *Mon., Wed., Th., 10.30.*
3. International Law. Third term: *Mon., Wed., Th., 10.*  
Courses 1, 2, and 3 are elective for Seniors. Courses 2 and 3 must ordinarily be preceded by Course 1.

#### ECONOMICS AND SOCIOLOGY.

##### Professor CALLENDER.

1. Elements of Economics. Walker's Political Economy. Lectures and discussions. First term: *Tu., Th., Fri., Sat., 8.30.*  
Course 1 is elective for Juniors and Seniors.
2. Development of Modern Industry, and Problems relating to Labor and Capital. Hobson's Evolution of Modern Capitalism. Lectures and assigned readings. Second term: *Tu., Th., Fri., Sat., 8.30.*

3. Currency and Finance. Money and Banking, *first half-term*; Taxation, *second half-term*. Dunbar's Theory of Banking. Lectures and assigned readings. Third term: *Tu., Th., Fri., Sat., 8.*

Courses 2 and 3 are elective for those who have taken Course 1.

4. Economic and Social History of the United States, from the middle of the eighteenth century to the present time, with particular reference to the history of commerce, manufactures, transportation, and agriculture, the currency and revenue systems, and the more important social and economic problems, such as slavery and immigration. First term: *Tu., Wed., Th., 9.30; Sat., 10.30.*
5. Continuation of Course 4. Second term: *Tu., Wed., Th., 9.30; Sat., 10.30.*
6. Continuation of Course 5. Third term: *Tu., Wed., Th., 9; Sat., 10.*

Courses 4, 5, and 6 form a continuous course throughout the year, and are intended to be taken together. Course 5, therefore, must ordinarily be preceded by Course 4, and Course 6 by Courses 4 and 5. They are elective for those who have taken or are taking Course 1.

## MATHEMATICS.

Mr. ANDREWS.

1. Algebra. A review of selected portions of the preparatory algebra, followed by a study of series and limits, indeterminate equations, undetermined coefficients, binomial theorem, and higher equations. Study of logarithms with applications drawn from plane geometry. First term: Div. A, *Mon., Tu., Wed., Fri., 8.30.* Div. B, *Mon., Tu., Wed., Fri., 9.30.*
2. Geometry and Trigonometry. Solid geometry with mensuration and original theorems. Plane trigonometry through the solution of right triangles. Second term: Div. A, *Mon., Tu., Wed., Fri., 8.30.* Div. B, *Mon., Tu., Wed., Fri., 9.30.*
3. Trigonometry. Demonstration of fundamental formulas and proof of exercises drawn therefrom; the theory and use of six-place logarithmic tables; the solution of oblique triangles with problems and applications. Third term: Div. A, *Mon., Tu., Wed., Fri., 8.* Div. B, *Mon., Tu., Wed., Fri., 9.*

Courses 1, 2, and 3 are required of all Freshmen except Classes IV, V, VIII, and IX. Brief optional courses are given each term respectively, in advanced algebra, mensuration or elementary modern geometry, and surveying.

4. Spherical Trigonometry and Analytic Geometry. A summary of spherical trigonometry through the solution of oblique triangles, and the completion of Wentworth's Plane Analytic Geometry. First term: *Mon., Tu., Wed., Fri.*, 11.30.
5. Differential Calculus. Byerly's text-book, with additional work in curve tracing and solid analytic geometry. Second term: *Mon., Tu., Wed., Fri.*, 11.30.
6. Calculus. Text-book completed and work extended to include double and triple integrals for surfaces and volumes. Third term: *Mon., Tu., Wed., Fri.*, 11.

Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3, and for Freshmen, Classes IV, V, VIII, and IX.

- 7, 8, and 9. Integral Calculus and Elliptic Functions. Byerly's Integral Calculus, with lectures and collateral reading. The hours are at the convenience of instructor and students.

Courses 7, 8, and 9 form a consecutive course throughout the year, and are given in alternation with Courses 10, 11, and 12. They are elective for those who have taken Courses 1 to 6, inclusive.

- [10, 11, and 12. Modern Pure Geometry, *first half-year*; Modern Methods in Analytics, *second half-year*. Lachlan's Modern Geometry and Salmon's Conic Sections.]

Courses 10, 11, and 12 are omitted in 1900-1901, but will be given in 1901-2.

## PHYSICS AND ASTRONOMY.

Professor HUTCHINS.

### PHYSICS.

1. Mechanics and Heat. Hastings and Beach's General Physics, and laboratory work. First term: *Tu., Th.*, 8.30 to 10.30; *Wed., Fri.*, 8.30.
2. Light and Electricity. Hastings and Beach's General Physics, and laboratory work. Second term: *Tu., Th.*, 8.30 to 10.30; *Wed., Fri.*, 8.30.

Courses 1 and 2 are elective for Sophomores, Juniors, and Seniors. They are required of Freshmen, Classes IV and VIII.

3. Electricity and Magnetism. Lectures and laboratory work.  
First term: *Mon., Tu., Th., Fri., 2 to 4.*
4. Electricity and Magnetism. Lectures and laboratory work.  
Second term: *Mon., Tu., Th., Fri., 2 to 4.*  
Courses 3 and 4 are elective for those who have taken Courses 1 and 2, or an equivalent, and Mathematics 1 to 6, inclusive.
- 5, 6, and 7. Advanced work in Electricity and Magnetism. Lectures and laboratory work. *Four hours a week* throughout the year, at the convenience of instructor and students.  
Courses 5, 6, and 7 are elective for those who have taken Courses 1 to 4, inclusive.

#### ASTRONOMY.

1. Astronomy. Young's Elements of Astronomy. Third term:  
*Tu., Wed., Th., Fri., 8.*  
Course 1 is elective for Sophomores, Juniors, and Seniors. It is required of Freshmen, Classes IV and VIII.
2. Practical Astronomy. Third term: *Mon., Tu., Th., Fri., 2 to 4.*  
Course 2 is elective for those who have taken Course 1, and Physics 3 and 4.

### CHEMISTRY AND MINERALOGY.

Professor ROBINSON.

#### CHEMISTRY.

1. General Chemistry. Lectures and laboratory work. The occurrence, preparation, and properties of the common elements; combustion, oxidation, distillation, solution, and crystallization.  
First term: *Mon., Wed., 10.30; Th., Sat., 10.30 to 12.30.*  
Elective for Juniors and Seniors. Required of Freshmen, Classes V and IX.
2. General Chemistry, including a few exercises in organic chemistry. Preparation of compounds; quantitative relations; the atomic theory. Second term: *Mon., Wed., 10.30; Th., Sat., 10.30 to 12.30.*  
Elective for those who have taken Course 1, or its equivalent. Required of Freshmen, Classes V and IX.
3. Qualitative Analysis. Laboratory work in systematic analysis for common metals and acids. First term: *Mon., Tu., Th., Fri., 3.*

Elective for those who have taken Courses 1 and 2, and for Freshmen, Class VIII, who are qualified.

4. Quantitative Analysis. The principles of all kinds of quantitative analysis. Typical analyses. General organic chemistry. Second term: *Mon., Tu., Th., Fri., 3.*

Elective for those who have taken Courses 1, 2, and 3.

5. Organic Chemistry. Sugars, starches, alkaloids, etc. The principles of physiological chemistry for those intending to study medicine. Third term: *Mon., Tu., Th., Fri., 3.*

Elective for those who have taken enough of the preceding courses to be qualified.

#### MINERALOGY.

1. Descriptive Mineralogy. Common minerals, and methods of knowing them. Third term: *Mon., Wed., 10; Th., Sat., 10 to 12.*

Elective for those who have taken Chemistry 1, and for other qualified Juniors and Seniors. Required of Freshmen, Classes V and IX.

2. Determinative Mineralogy and Metallurgy. Mineralogy of the useful metals and their ores. Third term: *Mon., Tu., Th., Fr., 3.*

Elective for those who have taken Course 1.

### BIOLOGY AND GEOLOGY.

Professor LEE.

#### BIOLOGY.

1. Botany. Coulter's Plants. Third term: *Mon., 9 to 11; Th., Sat., 10 to 12.*

Elective for Sophomores, Juniors, and Seniors.

2. Zoölogy. Thomson's Outlines of Zoölogy. First term: *Mon., Tu., Th., Fri., 2 to 4.*

Elective for Juniors and Seniors, and for Sophomores, Class VI.

3. Zoölogy. Thomson's Outlines of Zoölogy. Second term: *Mon., Tu., Th., Fri., 2 to 4.*

Elective for those who have taken Course 2.

4. Physiology. Huxley's Physiology. Third term: *Mon., Tu., Th., Fri., 2 to 4.*



Elective for those who have taken Courses 2 and 3. Courses 2, 3, and 4 form a continuous course in animal biology, from single-celled organisms to man.

5. Anatomy. Kingsley's Vertebrate Zoölogy. First term: *Mon.*, *Sat.*, 8.30 to 10.30; *Tu.*, *Fr.*, 10.30 to 12.30.

Elective for Juniors and Seniors who have taken Courses 2, 3, and 4.

6. Anatomy. Kingsley's Vertebrate Zoölogy. Second term: *Mon.*, *Sat.*, 8.30 to 10.30; *Tu.*, *Fri.*, 10.30 to 12.30.

Elective for those who have taken Course 5.

7. Anatomy. Kingsley's Vertebrate Zoölogy. Third term: *Mon.*, *Sat.*, 8 to 10; *Tu.*, *Fri.*, 10 to 12.

Elective for those who have taken Courses 5 and 6.

Courses 5, 6, and 7 include laboratory work in Comparative Anatomy, Histology, and Physiology, preparatory to the study of medicine.

#### GEOLOGY.

1. Geology. Davis's Physical Geography. First term: *Mon.*, 9.30 to 11.30; *Th.*, *Sat.*, 10.30 to 12.30.

Elective for Sophomores, Juniors, and Seniors.

2. Geology. Lectures and laboratory work. Second term: *Mon.*, 9.30 to 11.30; *Th.*, *Sat.*, 10.30 to 12.30.

Elective for those who have taken Course 1.

## HYGIENE AND PHYSICAL TRAINING.

Dr. WHITTIER.

#### HYGIENE.

Lectures on Human Anatomy, Physiology, and Personal Hygiene.

First term: *Th.*, 10.30.

Required of Freshmen.

The Director of the Gymnasium gives each student a thorough medical and physical examination. From the measurements and strength tests taken a chart is made out for each student, showing his size, strength, and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. At the same time the student receives a hand-book containing the exercises prescribed for the purpose of correcting the physical defects shown by his chart, with specific directions in regard to diet and bathing.



## PHYSICAL TRAINING.

1. Class exercises: military drill, setting-up drill, and Indian-club swinging. Squad exercises (graded to suit the strength of each squad): in-door athletics, chest weights, and heavy gymnastics. Second term: *Mon., Tu., Wed., Th., 11.30.*  
Required of Freshmen.
2. Class exercises: dumb-bells and boxing. Squad exercises: in-door athletics and wrestling. Second term: *Mon., Tu., Wed., Fri., 4.*  
Required of Sophomores.
3. Class exercises: fencing with single-sticks and with broad-swords. Squad exercise: in-door athletics. Second term: *Mon., 5; Wed., 3; Th., 4; Fri., 11.30.*  
Required of Juniors.
4. Class exercise: fencing with foils. Squad exercise: in-door athletics. Second term: *Tu., Wed., Th., Fri., 5.*  
Required of Seniors.

## COURSES IN THE MEDICAL SCHOOL.

By vote of the Faculty, the work in Anatomy and Physiology, in the first year of the course in the Medical School, is allowed to count as four courses of one term each towards the degree of Bachelor of Arts. Students intending to avail themselves of this privilege are required to register their choice with the Registrar not later than December 1, and to conform to the other regulations of the College in regard to electives.

## TABULAR VIEW—FIRST TERM.

	8.30.	9.30.	10.30.	11.30.	2.00.	3.00.
MONDAY.	Biology 5. French 1, Div. B. Math. 1, Div. A.	Biology 5. English Lit. 1. French 1, Div. A. Geology 1. Math. 1, Div. B.	Chemistry 1. French 4. Geology 1. Government 1.	German 7. Greek 4. History 4. Math. 4.	Biology 2. English Lit. 4. German 1, Div. D. Greek 1, Div. A. Physics 3.	Biology 2. Chemistry 3. German 1, Div. C. Greek A. Greek 1, Div. B. Physics 3.
TUESDAY.	Economics 1. French 1, Div. B. Math. 1, Div. A. Philosophy 1. Physics 1.	Economics 4. English Lit. 1. French 1, Div. A. Latin 4. Math. 1, Div. B. Physics 1.	Biology 5. French 4. German 4.	Biology 5. Greek 4. History 4. Math. 4.	Biology 2. English Lit. 4. German 1, Div. D. Greek 1, Div. A. History 7. Physics 3.	Biology 2. Chemistry 3. German 1, Div. C. Greek A. Greek 1, Div. B. Physics 3.
WEDNESDAY.	Latin 1, Div. B. Math. 1, Div. A. Philosophy 1. Physics 1.	Economics 4. English Lit. 1. Latin 4. Math. 1, Div. B. Rhetoric 1, Div. A.	Chemistry 1. Government 1. Latin 1, Div. A. Rhetoric 1, Div. B.	Greek 4. History 4. Math. 4.		
THURSDAY.	Economics 1. French 1, Div. B. Philosophy 1. Physics 1.	Economics 4. French 1, Div. A. German 4. Physics 1.	Chemistry 1. French 4. Geology 1. Government 1. Hygiene.	Chemistry 1. Geology 1. German 7.	Biology 2. English Lit. 4. German 1, Div. D. History 7. Physics 3.	Biology 2. Chemistry 3. German 1, Div. C. Greek A. Physics 3.
FRIDAY.	Economics 1. Latin 1, Div. B. Math. 1, Div. A. Philosophy 1. Physics 1.	English Lit. 1. Latin 4. Math. 1, Div. B. Rhetoric 1, Div. A.	Biology 5. Latin 1, Div. A. Rhetoric 1, Div. B.	Biology 5. Greek 4. Math. 4.	Biology 2. English Lit. 4. German 1, Div. D. Greek 1, Div. A. History 7. Physics 3.	Biology 2. Chemistry 3. German 1, Div. C. Greek A. Greek 1, Div. B. Physics 3.
SATURDAY.	Biology 5. Economics 1. French 1, Div. B. Latin 1, Div. A. Rhetoric 1, Div. B.	Biology 5. French 1, Div. A. German 4. Latin 4. Rhetoric 1, Div. A.	Chemistry 1. Economics 4. Geology 1. Latin 1, Div. B.	Chemistry 1. Geology 1. German 7.		

TABULAR VIEW—SECOND TERM.

	8.30.	9.30.	10.30.	11.30.	2.00.	3.00.	4.00.	5.00.
MONDAY.	Biology 6. French 2, Div. B. Math. 2, Div. A.	Biology 6. English Lit. 2. French 2, Div. A. Geology 2. Math. 2, Div. B.	Chemistry 2. French 5. Government 2.	German 8. Greek 5. History 5. Math. 5. Phys. Tr. 1.	Biology 3. English Lit. 5. Germ. 2, Div. D. Greek 2, Div. A. Physics 4.	Biology 3. Chemistry 4. Germ. 2, Div. C. Greek B. Greek 2, Div. B. Physics 4.	Phys. Tr. 2.	Phys. Tr. 3.
TUESDAY.	Economics 2. French 2, Div. B. Math. 2, Div. A. Philosophy 2. Physics 2.	Economics 5. English Lit. 2. French 2, Div. A. Latin 5. Math. 2, Div. B. Physics 2.	Biology 6. French 5. German 5.	Biology 6. Greek 5. History 5. Math. 5. Phys. Tr. 1.	Biology 3. English Lit. 5. Germ. 2, Div. D. Greek 2, Div. A. History 8. Physics 4.	Biology 3. Chemistry 4. Germ. 2, Div. C. Greek B. Greek 2, Div. B. Physics 4.	Phys. Tr. 2.	Phys. Tr. 4.
WEDNESDAY.	Latin 2, Div. B. Math. 2, Div. A. Philosophy 2. Physics 2.	Economics 5. English Lit. 2. Latin 5. Math. 2, Div. B. Rhet. 2, Div. A.	Chemistry 2. Government 2. Latin 2, Div. A. Rhet. 2, Div. B.	Greek 5. History 5. Math. 5. Phys. Tr. 1.		Phys. Tr. 3.	Phys. Tr. 2.	Phys. Tr. 4.
THURSDAY.	Economics 2. Eloc. 1, Div. C. French 2, Div. B. Philosophy 2. Physics 2.	Economics 5. Eloc. 1, Div. E. French 2, Div. A. German 5. Physics 2.	Chemistry 2. French 5. Geology 2. Government 2.	Chemistry 2. Geology 2. German 8. Phys. Tr. 1.	Biology 3. Eloc. 1, Div. D. English Lit. 5. Germ. 2, Div. D. History 8. Physics 4.	Biology 3. Chemistry 4. Eloc. 1, Div. F. Germ. 2, Div. C. Greek B. Physics 4.	Phys. Tr. 3.	Phys. Tr. 4.
FRIDAY.	Economics 2. Latin 2, Div. B. Math. 2, Div. A. Philosophy 2. Physics 2.	English Lit. 2. Latin 5. Math. 2, Div. B. Rhet. 2, Div. A.	Biology 6. Latin 2, Div. A. Rhet. 2, Div. B.	Biology 6. Greek 5. Math. 5. Phys. Tr. 3.	Biology 3. English Lit. 5. Germ. 2, Div. D. Greek 2, Div. A. History 8. Physics 4.	Biology 3. Chemistry 4. Germ. 1, Div. C. Greek B. Greek 2, Div. B. Physics 4.	Phys. Tr. 2.	Phys. Tr. 4.
SATURDAY.	Biology 6. Economics 2. French 2, Div. B. Latin 2, Div. A. Rhet. 2, Div. B.	Biology 6. French 2, Div. A. German 5. Latin 5. Rhet. 2, Div. A.	Chemistry 2. Economics 5. French 5. Geology 2. Latin 2, Div. B.	Chemistry 2. Geology 2. German 8.				

## TABULAR VIEW—THIRD TERM.

	8.00.	9.00.	10.00.	11.00.	2.00.	3.00.
MONDAY.	Biology 7. French 3, Div. B. Math. 3, Div. A.	Biology 1. Biology 7. English Lit. 3. French 3, Div. A. Math. 3, Div. B.	Biology 1. French 6. Government 3. Mineralogy 1.	German 9. Greek 6. History 6. Math. 6.	Astronomy 2. Biology 4. English Lit. 6. Germ. 3, Div. D. Greek 3, Div. A.	Astronomy 2. Biology 4. Chemistry 5. Germ. 3, Div. C. Greek C. Greek 3, Div. B. Mineralogy 2.
TUESDAY.	Astronomy 1. Economics 3. French 3, Div. B. Math. 3, Div. A. Philosophy 3.	Economics 6. English Lit. 3. French 3, Div. A. Latin 6. Math. 3, Div. B.	Biology 7. French 6. German 6.	Biology 7. Greek 6. History 6. Math. 6.	Astronomy 2. Biology 4. English Lit. 6. Germ. 3, Div. D. Greek 3, Div. A. History 9.	Astronomy 2. Biology 4. Chemistry 5. Germ. 3, Div. C. Greek C. Greek 3, Div. B. Mineralogy 2.
WEDNESDAY.	Astronomy 1. Latin 3, Div. B. Math. 3, Div. A. Philosophy 3.	Economics 6. English Lit. 3. Latin 6. Math. 3, Div. B. Rhet. 3, Div. A.	Government 3. Latin 3, Div. A. Mineralogy 1. Rhet. 3, Div. B.	Greek 6. History 6. Math. 6.		
THURSDAY.	Astronomy 1. Economics 3. Eloc. 2, Div. C. French 3, Div. B. Philosophy 3.	Economics 6. Eloc. 2, Div. E. French 3, Div. A. German 6.	Biology 1. French 6. Government 3. Mineralogy 1.	Biology 1. German 9. Mineralogy 1.	Astronomy 2. Biology 4. Eloc. 2, Div. D. English Lit. 6. Germ. 3, Div. D. History 9.	Astronomy 2. Biology 4. Chemistry 5. Eloc. 2, Div. F. Germ. 3, Div. C. Greek C. Mineralogy 2.
FRIDAY.	Astronomy 1. Economics 3. Latin 3, Div. B. Math. 3, Div. A. Philosophy 3.	English Lit. 3. Latin 6. Math. 3, Div. B. Rhet. 3, Div. A.	Biology 7. Latin 3, Div. A. Rhet. 3, Div. B.	Biology 7. Greek 6. Math. 6.	Astronomy 2. Biology 4. English Lit. 6. Germ. 3, Div. D. Greek 3, Div. A. History 9.	Astronomy 2. Biology 4. Chemistry 5. Germ. 3, Div. C. Greek C. Mineralogy 2.
SATURDAY.	Biology 7. Economics 3. French 3, Div. B. Latin 3, Div. A. Rhet. 3, Div. B.	Biology 7. French 3, Div. A. German 6. Latin 6. Rhet. 3, Div. A.	Biology 1. Economics 6. French 6. Latin 3, Div. B. Mineralogy 1.	Biology 1. German 9. Mineralogy 1.		

## COLLEGE LECTURES.

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The following lectures, open to members of the College and the public, were given in 1899-1900:

"The Speakership of the National House of Representatives." Hon. De Alva Stanwood Alexander, '70, M. C., Buffalo, N. Y.

"John Brown of Osawatomie." Professor William MacDonald.

"The Faust Legend," folowed by five readings from Goethe's Faust. Professor George Taylor Files.

"The Philoctetes of Sophocles." Assistant Professor Harry De Forest Smith.

"Forestry." Mr. Austin Cary, '87.

"The Meaning of Expansion." Professor Henry Crosby Emery.

### LECTURES TO TEACHERS.

The College offers to teachers the following course of lectures by members of the Faculty, on subjects commonly taught in schools:

Prof. F. C. Robinson, "The Teaching of Science."

Prof. L. A. Lee, "Nature Study."

Dr. F. N. Whittier, "School Hygiene."

Prof. G. T. Files, "The Teaching of Modern Languages."

Prof. W. A. Houghton or Prof. F. E. Woodruff, "The Teaching of the Classics."

Prof. Wm. MacDonald, "The Teaching of Civil Government," (federal); "The Teaching of Civil Government," (local); "The Teaching of American History."

Prof. W. B. Mitchell, "The Teaching of English Composition."

In 1899-1900, the course was given in full in Bangor, Ellsworth, and Brunswick, and in part in Gardiner, Augusta, Lewiston, and Boothbay Harbor. The lectures are given without charge, save the expenses of the lecturer, and to teachers only. Correspondence regarding the lectures should be addressed to Professor W. B. Mitchell.



# ADMINISTRATION OF THE COLLEGE.

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## GOVERNMENT.

In all matters pertaining to the good order of the College, and the relations of the students to one another, the students govern themselves through a Jury.

The Jury consist of undergraduate students in good and regular standing, chosen as follows: each of the four classes elects one member; each chartered chapter of an intercollegiate fraternity of three or more years' standing in the College elects one member; and all who do not belong to any such fraternity elect one member.

The Jury have absolute and final jurisdiction over all cases of public disorder and all offenses committed by students against each other. The Faculty have jurisdiction over conduct during college exercises, conduct toward college officers, damage to college buildings, and all matters of personal morality which affect primarily the character and reputation of individual students.

The following are the members of the Jury for 1900-1901:

EDWARD KAVANAGH LEIGHTON, Foreman.

HUGH FRANCIS QUINN, Secretary.

CLEMENS ANDREW YOST,	HERBERT DUNCAN STEWART,
CHARLES EDGAR ROLFE, 2d,	ERWIN GARFIELD GILES,
THOMAS CUMMINGS RANDALL,	WALTER LYMAN SANBORN,
HAROLD BOSWELL PRATT,	ROBERT CHAPMAN FOSTER,
JOHN APPLETON,	WILLIAM FREDERICK COAN.

## RELIGIOUS EXERCISES.

All students are required to attend devotional exercises, consisting of the reading of Scripture, singing, and prayer, held in the College Chapel every week-day morning, and a brief service, including an address by the President, on Sunday afternoon. Every student is also expected to attend the exercises of public worship on the Sabbath at one of the churches in Brunswick.

Prayer-meetings, under the direction of the Young Men's Christian Association, a religious organization of the students, are held on Thursday evenings, and other meetings on Sunday, to which all members of the College are cordially invited.

### TERMS AND VACATIONS.

The Academic Year is divided into three terms, a Fall term of fourteen weeks, a Winter term of thirteen weeks, and a Spring term of ten weeks. The holiday vacation of two weeks follows the first term, the Spring recess of a week follows the second term, and the Summer vacation of eleven weeks follows Commencement week. Each term begins on a Tuesday morning and ends on a Friday afternoon. Commencement Day is the fourth Thursday of June.

### RANK.

The rank of a student in each course is determined by a combination of marks given (1) for attendance at required exercises, and (2) for quality of work done. Attendance rank is averaged on a scale of *six*. Credit for work performed is averaged on a scale of *ten*. This method of computation permits a maximum average term rank of *eight*. It is this rank that is made the basis of awards and conditions.

### ELECTIVES.

Regular students are required to take four full courses each term, in addition to the required work in Elocution, Themes, Hygiene, and Physical Training. Special students are required to take three full courses each term. No student is allowed to elect courses involving a conflict of hours.

### ABSENCES.

In case a student, for any reason, wishes to be absent from College for one week or longer, he is required to obtain previous permission from the Faculty, when possible. If it be impossible to make petition before leaving, the Faculty should be notified as early as possible, through the Class Officer.

An absence of less than one week cannot be approved simply on the ground that it is necessary. In general, such an absence will be



approved only when employed for the purpose of voting, or on account of family bereavement, or in case of a duly accredited representative of some general College interest.

### DEGREE OF MASTER OF ARTS.

The degree of Master of Arts is conferred upon those graduates of the College who, after taking the Bachelor's degree, complete an approved course of advanced study equivalent to one year's graduate work, and pass with credit a written and oral examination on the same. Application for the degree must be made to the Faculty not later than April 1 in the year in which the candidate presents himself for examination.

### MEDICAL ATTENDANCE.

A fund of \$1,000, given by Mr. and Mrs. GEORGE F. GODFREY of Bangor, in memory of their son, HENRY PRENTISS GODFREY, is devoted to providing medical attendance for students who may be sick while in College.

## COLLEGE BUILDINGS.

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The College buildings, eleven in number, are grouped upon a spacious campus of forty acres, situated a mile south of the falls of the Androscoggin and within five minutes' walk of the railroad station at Brunswick. They are connected with the water and sewerage systems of the town. A central heating and lighting plant, constructed in the summer of 1900, supplies steam heat and electric light to all the buildings.

### MARY FRANCES SEARLES SCIENCE BUILDING.

Instruction in the various branches of natural science is given in the Mary Frances Searles Science Building. The building contains lecture rooms and laboratories of ample size, fitted with all the conveniences which experience has shown to be desirable.

The building is on the western side of the campus, north of the Walker Art Building. Its general plan is a main building about one hundred and eighty feet long and forty-five feet wide, with two wings, each about sixty feet long and forty-five feet wide, projecting from the western side of each end. It is three stories in height, with a high, well-lighted basement. The general style of architecture is Elizabethan. The exterior is of Perth Amboy brick, trimmed with Ohio stone. There is very little lath and plaster in the building, and in general little wood is used in its construction. It is thus practically fire-proof. The building is heated, lighted, and ventilated in the most perfect manner.

### WALKER ART BUILDING.

By the will of the Hon. JAMES BOWDOIN, the College in 1811 came into possession of his collection, made in Europe, of about one hundred paintings and one hundred and fifty original drawings by old and modern masters. To these paintings have since been added the

collection of Col. GEORGE W. BOYD, of the Class of 1810, and many other valuable gifts. They are exhibited in the Walker Art Building.

This building, erected by the Misses Walker of Waltham, Mass., as a memorial of their uncle, the late THEOPHILUS WHEELER WALKER, was dedicated June 7, 1894. It was designed by Messrs. McKim, Mead and White, of New York. It is rectangular in form, one hundred feet in length by seventy-three in width, and is located on the front of the campus, facing Appleton Hall. The height from the grade line to the cornice is thirty-three feet. The central portion of the structure is surmounted by a dome covered with copper, the top of which is fifty-three feet from the ground. The materials used are Freeport granite, for the base-course; Indiana limestone, for the middle portion of the façade, the pedestals, quoins, and architraves; and selected brick of a dark color for the remainder of the walls.

The main entrance consists of a loggia, in front of which, and supporting the wall above, are six carved Ionic columns of limestone. In the wall over these, and upon either side of the central arch, is a circular niche. Niches, also, are located at the ends of the loggia for statuary. In the rear of the loggia, and occupying the central portion of the building, is the Sculpture Hall, twenty-nine by forty-two feet. The floor is composed of brick and stone laid in pattern. The four tympana under the dome, each twenty-six feet in width, are filled with four paintings, symbolizing the artistic achievements of Athens, Rome, Florence, and Venice, executed by Messrs. John LaFarge, Elihu Vedder, Abbott Thayer, and Kenyon Cox respectively. Light is admitted through a sky-light at the top of the dome, forty-seven feet above the floor.

Leading from the Sculpture Hall are the various galleries. At the left, occupying the entire wing upon that side and containing the Boyd paintings and others of later acquisition, the fine and extensive collection of Japanese and Chinese works of art, loaned to the College by Professor W. A. Houghton, and the Virginia Dox collection of rare and valuable objects of native American art, is the Boyd Gallery, twenty-five by fifty feet. At the right is the Bowdoin Gallery, which is of the same size, and contains the James Bowdoin paintings and drawings, the nucleus of the College collections. At the rear of the hall is the Sophia Wheeler Walker Gallery, twenty by forty feet. This room contains choice specimens of ancient glass, Roman sculpture, old Flemish tapestry, oriental ivory carvings, modern paintings by artists of the foremost rank, and the bronze relief portrait of Theophilus W. Walker, by French, all given by the Misses Walker. All the galleries are finished throughout in oak. The walls and ceil-

ings are of plaster. Ample light is received from above through large sky-lights. In the basement are the lecture hall, the Assyrian sculpture room, curator's and students' rooms, beside the boiler-room, lavatory, and coal cellars. The basement is finished in ash.

The building is entirely fire-proof, lighted throughout by electricity, heated by indirect steam, and provided with a thorough system of ventilation. It is open about four hours daily.

### CLEAVELAND CABINET.

The upper portion of Massachusetts Hall, converted into a Cabinet of Natural History through the liberality of the late PELEG WHITMAN CHANDLER of Boston, of the Class of 1834, and named the *Cleveland Cabinet*, in memory of Professor PARKER CLEAVELAND, contains the various collections illustrating Natural History which belong to the College. These collections, to some of which accessions are constantly made, comprise the museum of the first geological survey of Maine; the Cleaveland and Haüy collections of minerals; the mineralogical and geological collections of the late Mrs. FREDERICK ALLEN, of Gardiner, Me.; the Caleb Strong Whitman collection of minerals; the Shattuck conchological collection; the Storer conchological collection; the Cushman ornithological collection; the Fish collection of *Lepidoptera*; and the Blake and Cleaveland herbariums.

### THE OBSERVATORY.

The Astronomical Observatory, for which the College is mainly indebted to the late JOHN J. TAYLOR of Fairbury, Ill., is well adapted for purposes of instruction. It is supplied with a six-inch telescope, and a transit instrument with the usual accessories for meridian observations.

### THE ATHLETIC FIELD.

The Athletic Field, recently completed, is conveniently situated at a short distance from the Sargent Gymnasium. The field is five acres in extent, and is well adapted for base-ball, foot-ball, and track athletics.

### THE LIBRARY.

The College Library occupies Banister Hall, in the east end of the Chapel, and the two wings adjacent. It contains sixty-eight thousand volumes. A rapidly increasing proportion of these have been

purchased to aid instruction by supplying both teachers and students with the latest books and leading periodicals in the various departments of the curriculum. Attention is also directed towards the building up of a complete and attractive library of general reference, in which the literature of the day is given its proper place, and which shall serve as an active agent in the attainment of liberal culture.

A minute classification and arrangement of the books by subjects has been made, and free access to the shelves is granted to all. The Librarian and his assistants are always ready to lend personal aid to inquirers. During term time the library is open ten hours every day except Sunday. Students are allowed to borrow three books at a time, and retain them, if needed, four weeks. The privileges of the library are extended, as a matter of course, to all graduates and the clergymen of the vicinity, and also to any person on recommendation of the Library Committee.

Annual accessions, which have averaged of late two thousand volumes, are made to the library by an appropriation of the Boards for the purpose, and from the proceeds of funds contributed by Rev. Elias Bond, D.D., John L. Sibley, A.M., Hon. Samuel H. Ayer, Dr. R. W. Wood, Mrs. John C. Dodge, Henry J. Furber, Esq., and Capt. John Patten.

The safety of these collections, as well as much needed room for their growth, has been lately insured by the gift of a fire-proof library building from Gen. Thomas H. Hubbard, LL.D., of New York City. This structure, for which plans have been prepared, will be erected early in 1901 at the southern end of the campus. Besides supplying ample accommodation for future accessions, it will afford students and teachers unusual facilities for the convenient use of them in the numerous study and conference rooms assigned to the various departments of instruction.

## COLLEGE EXPENSES.

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Term bills, containing college charges, are mailed to the parent or guardian of each student at the close of each term, and become payable at once. No degrees are conferred upon students who have not paid their dues to the College.

The following table exhibits three scales of annual expenditure, omitting clothing, washing, travelling expenses, and board during the vacations :

	Lowest.	Average.	Liberal.
Tuition .....	\$75 00	\$75 00	\$75 00
Incidental college charges.....	8 00	15 00	25 00
Room rent (two persons sharing one room)	25 00	35 00	45 00
Heating and lighting (two persons sharing one room).....	15 00	25 00	30 00
Furniture (two persons sharing one room)	10 00	15 00	25 00
Board, thirty-six weeks.....	108 00	135 00	180 00
Books and stationery.....	11 00	20 00	40 00
Class dues, societies, subscriptions, etc.....	8 00	20 00	40 00
	<hr/>	<hr/>	<hr/>
	\$260 00	\$340 00	\$460 00

The rent of college rooms in Appleton, Maine, and Winthrop Halls, including heat, is as follows:

Rooms on first and third floors.....	\$102 00
Rooms on second floor.....	108 00
Rooms on fourth floor.....	72 00

Except Nos. 1, 17, and 18 Winthrop Hall, which rent for \$96, and No. 4, which rents for \$120.

## SCHOLARSHIPS AND PRIZES.

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The income of over One Hundred and Twenty-five Thousand Dollars is devoted to scholarships and prizes in aid of meritorious students of slender means.

Applications for scholarships must be made upon blank forms furnished at the office of the Treasurer of the College. They must be made out anew each year; signed by both the student and his parent or guardian; and deposited in the Treasurer's office before November 1.

*Brown Memorial Scholarships.*—A fund for the support of four scholarships in Bowdoin College, given by the late Hon. J. B. BROWN of Portland, in memory of his son, JAMES OLCOTT BROWN, A.M., of the Class of 1856.

According to the provisions of this foundation, there will be paid annually the income of one thousand dollars to the best scholar in each undergraduate class who shall have graduated at the High School in Portland after having been a member thereof not less than one year.

*Shepley Scholarship.*—A fund of \$1,000, given by Hon. ETHER SHEPLEY, LL.D., of Portland, late Chief Justice of the Supreme Court of Maine.

*Mary L. Savage Memorial Scholarship.*—A scholarship of \$1,000, founded by Rev. WILLIAM T. SAVAGE, D.D., of Quincy, Ill., in memory of his wife, MARY L. SAVAGE.

*Benjamin Delano Scholarship.*—A scholarship of \$1,000, bequeathed by Captain BENJAMIN DELANO of Bath.

*And Emerson Scholarships.*—A fund amounting at present to \$5,000, given by the late AND EMERSON, Esq., of Boston, through Rev. Dr. E. B. WEBB.



*Stephen Sewall Scholarship.*—A scholarship of \$1,000, given by Deacon STEPHEN SEWALL of Winthrop.

The income of the preceding five scholarships is to be appropriated for the aid of students preparing to enter the ministry of the Evangelical Trinitarian churches.

*John C. Dodge Scholarship.*—A fund of \$1,000, given by the late Hon. JOHN C. DODGE, LL.D.

*Alfred Johnson Scholarships.*—Three scholarships of \$1,000 each, founded by ALFRED JOHNSON of Belfast, in memory of his grandfather, Rev. ALFRED JOHNSON, and of his father, Hon. ALFRED JOHNSON.

*William Sewall Scholarship.*—A scholarship of \$1,000, founded by Mrs. MARIA M. SEWALL, in memory of her husband, WILLIAM B. SEWALL, Esq.

*Mary Cleaves Scholarships.*—Three scholarships of \$1,000 each, founded by the will of Miss MARY CLEAVES.

*Cram Memorial Scholarship.*—A scholarship of \$1,000, founded by Hon. MARSHALL CRAM of Brunswick, in memory of his son, NELSON PERLEY CRAM, of the Class of 1861, who lost his life in the service of his country.

*James Means Scholarship.*—A scholarship of \$2,000, given by WILLIAM G. MEANS, Esq., of Andover, Mass., in memory of his brother, Rev. JAMES MEANS, of the Class of 1833, who died in the service of his country.

*Charles Dummer Scholarships.*—A fund of \$6,000, given by Mrs. ALMIRA C. DUMMER, in memory of her husband, CHARLES DUMMER, A.M., who was for many years a member of the Board of Overseers.

*W. W. Thomas Scholarships.*—Six scholarships of \$1,000 each, founded by the late Hon. W. W. THOMAS of Portland, to be awarded under certain conditions.

*Buxton Scholarship.*—A fund at present amounting to \$2,500, contributed by CYRUS WOODMAN, Esq., of Cambridge, Mass., in aid of deserving students, preference being given to natives and residents of Buxton.

*Pierce Scholarship.*—A scholarship of \$1,000, bequeathed by Mrs. LYDIA PIERCE of Brunswick, in memory of her son, ELIAS D. PIERCE.

*Blake Memorial Scholarships.*—A fund of \$4,000, bequeathed by Mrs. NOAH WOODS of Bangor, in memory of her son, WILLIAM A. BLAKE, of the Class of 1873.

*Huldah Whitmore Scholarships.*—Two scholarships of \$2,500 each, given by Hon. WILLIAM GRISWOLD BARROWS, LL.D., of Brunswick, in memory of his wife, to be awarded by the President under certain conditions.

*Nathaniel McLellan Whitmore Scholarship and George Sidney Whitmore Scholarship.*—Two scholarships of \$1,000 each, given by Mrs. MARY J. WHITMORE, in memory of her sons, NATHANIEL McLELLAN WHITMORE, of the Class of 1854, and GEORGE SIDNEY WHITMORE, of the Class of 1856.

*George Franklin Bourne Scholarship.*—A scholarship of \$1,000, given by Mrs. NARCISSA SEWALL BOURNE, of Winthrop.

*Lockwood Scholarship.*—A scholarship of \$1,000, established in memory of Hon. AMOS DEFORREST LOCKWOOD, a former treasurer of the College.

*William Little Gerrish Scholarship.*—A scholarship of \$1,000, given by Dr. F. H. GERRISH, in memory of his brother, WILLIAM LITTLE GERRISH, of the Class of 1864.

*Lawrence Scholarships.*—A fund of \$6,000, given by Mrs. AMOS LAWRENCE of Massachusetts, the income to be annually appropriated for the whole or a part of the tuition of meritorious students who may need pecuniary assistance, preference being given to those who shall enter the College from Lawrence Academy, at Groton, Mass.

*G. W. Field Scholarships.*—Two scholarships of \$2,000 each, given by Rev. GEORGE W. FIELD, D.D., of Bangor, of the Class of 1837. In awarding the scholarships, preference is to be given, first, to students or graduates of the Bangor Theological Seminary, and second, to graduates of the Bangor High School.

*Justus Charles Fund.*—A fund established by the will of JUSTUS CHARLES of Fryeburg, for such indigent students as, in the opinion of the President, are most meritorious, deserving, and needy.

*Moses R. Ludwig and Albert F. Thomas Scholarship.*—Founded by Mrs. HANNAH C. LUDWIG of Thomaston.

*Joseph N. Fiske Scholarship.*—A scholarship of \$1,000, given by Mrs. CHARLOTTE M. FISKE of Boston, in memory of her husband.

*Crosby Stewart Noyes Scholarships.*—Two scholarships of \$2,000 each established by CROSBY S. NOYES, A.M., of Washington, D. C. In awarding these, preference is to be given to natives or residents of Minot.

*Henry T. Cheever Scholarship.*—A scholarship of \$500, given by Rev. HENRY T. CHEEVER, D.D., of Worcester, Mass., to be awarded by the President under certain conditions.

## PRIZES.

*Smyth Mathematical Prize.*—A fund of \$5,000, the gift of HENRY J. FURBER, Esq., of Chicago, named by him in honor of the late Professor WILLIAM SMYTH. From the present income of the fund \$300 is given to that student in each Sophomore class who obtains the highest rank in the mathematical studies of the first two years. The rank is determined mainly by the daily recitations; but the Faculty may at their discretion order a special examination, the result of which will be combined with the recitation rank. The successful candidate receives \$100 at the time the award is made. The remaining \$200 is paid to him in installments at the close of each term during Junior and Senior years. If a vacancy occurs during those years, the next in rank secures the benefit of the prize for the remainder of the time.

*English Composition Prizes.*—The sum of Thirty Dollars is annually given in prizes to members of the Senior Class for excellence in English Composition.

*Junior Declamation Prizes.*—Prizes amounting to Thirty Dollars are given to members of the Junior Class for excellence in Oratory at their annual Prize Declamation.

*David Sewall Premium.*—Prizes amounting to Ten Dollars are awarded to members of the Sophomore Class for excellence in oratory at their annual Prize Declamation.

*Brown Composition Prizes.*—Two prizes, one of Thirty Dollars and one of Twenty Dollars, given in memory of the late PHILIP HENRY BROWN, Esq., of Portland, of the Class of 1851, are offered

to the Senior Class for excellence in extemporaneous English Composition.

*Sewall Greek Prize.*—A prize of Twenty-five Dollars, given by Professor JOTHAM BRADBURY SEWALL, of Boston, of the Class of 1848, formerly Professor of Greek in the College, is awarded to the member of the Sophomore Class who sustains the best examination in Greek.

*Sewall Latin Prize.*—A prize of Twenty-five Dollars, also given by Professor SEWALL, is awarded to the member of the Sophomore Class who sustains the best examination in Latin.

*Goodwin Commencement Prize.*—A prize of Fifty Dollars, given by the late Rev. Dr. DANIEL RAYNES GOODWIN, of Philadelphia, of the Class of 1832, is awarded each year to the author of the best Commencement Part.

*Class of 1868 Prize.*—A prize of Forty Dollars, contributed by the Class of 1868, is given annually to the author of the best written and spoken oration in the Senior Class.

*Pray English Prize.*—A prize of Fifty Dollars, given by the late Dr. THOMAS J. W. PRAY, of Dover, N. H., of the Class of 1844, is awarded each year to the best scholar in English Literature and original English Composition.

*Goodwin French Prize.*—A prize of Twenty-five Dollars, given by the late Rev. Dr. DANIEL RAYNES GOODWIN, is awarded annually to the best scholar in French.

*Noyes Political Economy Prize.*—This prize, consisting of the annual income of one thousand dollars, was established by CROSBY STUART NOYES, A.M., and is awarded to the best scholar in Political Economy.

# APPOINTMENTS AND AWARDS.

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## COMMENCEMENT APPOINTMENTS, 1900.

Clifford Sawyer Bragdon,	
Harry Annesley Beadle,	Everett Birney Stackpole,
Samuel Pope Harris,	Horald Preston West,
Elbert Bradlee Holmes,	Joseph Walker Whitney,
Islay Francis McCormick,	Edmund Percy Williams,
Philip Mason Palmer,	William Billings Woodbury.
Joseph Cleaveland Pearson,	
Percy Andrus Babb,	Archie James Hamlin,
John Russell Bass,	Frederick Crosby Lee,
Joseph Pitman Bell,	Harry Clinton McCarty,
Albro Leonard Burnell,	Philip Lowell Pottle,
Robert Franklin Chapman,	Clarence Cromwell Robinson,
Henry Woodbury Cobb,	Charles Glidden Willard,
George Bicknell Colesworthy,	Arthur Brooks Wood.

## CLASS OF 1868 PRIZE SPEAKING.

### CLASS OF 1900.

Clifford Sawyer Bragdon,	Harry Clinton McCarty,
Robert Franklin Chapman,	James Plaisted Webber,
Frederick Crosby Lee,	Joseph Walker Whitney.

## JUNIOR PRIZE DECLAMATION.

### CLASS OF 1901.

Harold Lee Berry,	John Gregson, Jr.,
Roland Everett Bragg,	Kenneth Charles Morton Sills,
Roland Eugene Clark,	Lester Dean Tyler,
Arthur Fenno Cowan,	William Moncena Warren,
Ripley Lyman Dana,	John Humphrey White,
Murray Snell Danforth,	Stanley Chandler Willey.

## SOPHOMORE PRIZE DECLAMATION.

## CLASS OF 1902.

Edward Swasey Anthoine,  
 Richard Bryant Dole,  
 Harold Benjamin Eastman,  
 George Edwin Fogg,  
 Harvey Dow Gibson,  
 Eben Ricker Haley,

Benjamin Pierce Hamilton,  
 Benjamin Franklin Hayden,  
 John Hudson Sinkinson,  
 Ralph Bushnell Stone,  
 George Rowland Walker,  
 Harold Randall Webb.

## AWARDS IN 1900.

GOODWIN PRIZE—Harry Annesley Beadle.

CLASS OF 1868 PRIZE—Frederick Crosby Lee.

ENGLISH COMPOSITION PRIZES—Everett Birney Stackpole, John Russell Bass, first prizes; Harold Preston West, Clifford Sawyer Bragdon, second prizes.

PRAY ENGLISH PRIZE—Everett Birney Stackpole.

BROWN PRIZES FOR EXTEMPORANEOUS COMPOSITION—Clifford Sawyer Bragdon, first prize; Clarence Cromwell Robinson, second prize.

JUNIOR DECLAMATION PRIZES—John Gregson, Jr., first prize; Lester Dean Tyler, second prize.

SOPHOMORE DECLAMATION PRIZES—George Edwin Fogg, first prize; Eben Ricker Haley, second prize.

SEWALL LATIN PRIZE—Harry Gordon Swett.

SEWALL GREEK PRIZE—Harry Gordon Swett.

GOODWIN FRENCH PRIZE—Leon Valentine Walker.

NOYES POLITICAL ECONOMY PRIZE—Everett Birney Stackpole.

SMYTH MATHEMATICAL PRIZES—Harold Penniman Vose, Ralph Bushnell Stone.

BROWN MEMORIAL SCHOLARSHIPS—Robert Franklin Chapman, Class of 1900; Kenneth Charles Morton Sills, Class of 1901; George Rowland Walker, Class of 1902; Scott Clement Ward Simpson, Class of 1903.



# MEDICAL SCHOOL OF MAINE.

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## FACULTY.

REV. WILLIAM DEWITT HYDE, D.D., PRESIDENT.  
ALFRED MITCHELL, A.M., M.D., DEAN.  
ISRAEL THORNDIKE DANA, A.M., M.D.  
FREDERIC HENRY GERRISH, A.M., M.D.  
STEPHEN HOLMES WEEKS, A.M., M.D.  
CHARLES OLIVER HUNT, A.M., M.D.  
FRANKLIN CLEMENT ROBINSON, A.M.  
LUCILIUS ALONZO EMERY, LL.D.  
CHARLES DENNISON SMITH, A.M., M.D.  
ALBERT ROSCOE MOULTON, M.D.  
WILLIS BRYANT MOULTON, A.M., M.D.  
JOHN FRANKLIN THOMPSON, A.M., M.D.  
CHARLES AUGUSTUS RING, A.M., M.D.  
ADDISON SANFORD THAYER, A.B., M.D.  
ALFRED KING, A.B., M.D.  
FRANK NATHANIEL WHITTIER, A.M., M.D.  
HENRY HERBERT BROCK, A.B., M.D.  
EDWARD JAMES McDONOUGH, A.B., M.D.  
GEORGE THOMAS LITTLE, Litt.D., LIBRARIAN.

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FROM THE BOARD OF TRUSTEES,

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FROM THE BOARD OF OVERSEERS,

DANIEL ARTHUR ROBINSON, A.M., M.D.,  
GEORGE FOSTER CARY, A.B.

VISITORS FROM THE MAINE MEDICAL ASSOCIATION,

FREDERIC C. THAYER, M.D.,  
JOHN M. WAKEFIELD, M.D.



# STUDENTS IN 1900.

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NAMES.	RESIDENCES.	PRECEPTORS.
Anson Morrill Andrews,	<i>Gray,</i>	E. T. Andrews and P. S. M. I.*
Sullivan Lane Andrews,	<i>West Paris,</i>	E. H. Andrews and P. S. M. I.
Willie Harry Baker,	<i>Brunswick,</i>	O. K. Yates.
Daniel Alden Barrell,	<i>Auburn,</i>	W. K. Oakes and Cent. Maine Gen. Hospital.
Joseph Napoleon Gideon Bernard,	<i>Lewiston,</i>	L. Lupien and S. C. Gordon.
George Kenniston Blair,	<i>Boothbay Harbor,</i>	G. A. Gregory and P. S. M. I.
Elbern Taylor Bowers,	<i>Lewiston,</i>	G. P. Emmons and W. B. Small.
Charles Spiro Bridgham,	<i>Sullivan Harbor,</i>	F. W. Bridgham.
Percy Herbert Brigham,	<i>Boston, Mass.,</i>	H. E. Mace and E. M. Brown.
Andrew Allen Brown,	<i>S. W. Harbor,</i>	C. M. Sawyer.
Charles Oscar Caswell, A.B.,	<i>Portland,</i>	D. W. Fellows and P. S. M. I.
Eugene Botsford Clark,	<i>Centerville, N. B.,</i>	H. W. Peppers.
William Bridgham Coburn,	<i>Sherman Mills,</i>	W. L. Hunt.
Francis Henry Cohan,	<i>Marlboro, Mass.,</i>	P. J. Dervin.
Thomas Francis Conneen,	<i>Portland,</i>	E. J. McDonough and P. S. M. I.

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\* Portland School for Medical Instruction.

NAMES.	RESIDENCES.	PRECEPTORS.
George Appleby Coombs,	<i>Brunswick,</i>	C. H. Cumston and Boston City Hosp't.
Edson Selden Cummings,	<i>Lewiston,</i>	M. C. Wedgewood and P. S. M. I.
William Henry Daly, A.B.,	<i>Milltown, N. B.,</i>	R. A. Holland.
Ansel Samuel Davis,	<i>North Waterboro,</i>	L. E. Grant.
Philip Webb Davis, A.B.,	<i>Portland,</i>	G. H. Cummings and P. S. M. I.
Francis William Donahue, A.B.,	<i>Portland,</i>	F. B. O'Neil and P. S. M. I.
Robert Harold Donnell,	<i>Bath,</i>	E. M. Fuller.
Carl Roswell Doten,	<i>Portland,</i>	G. F. Libby and P. S. M. I.
Wallace Wadsworth Dyson,	<i>Portland,</i>	Aug. S. Thayer and P. S. M. I.
Fred Eugene Earle,	<i>Kent's Hill,</i>	W. A. Wright.
Edman Payson Fish, A.B.,	<i>Fairfield,</i>	E. C. Hooper and F. J. Robinson.
George Varnum Fiske,	<i>Epsom, N. H.,</i>	R. Hill and P. S. M. I.
Frank Yuba Gilbert,	<i>Orono,</i>	J. N. Norcross.
Harry Everett Gribben, A.B.,	<i>Portland,</i>	C. A. Ring and P. S. M. I.
Richard Albert Goss,	<i>Lewiston,</i>	R. R. & L. M. Leader.
Albert Bellathy Hagerthy,	<i>Bucksport,</i>	H. E. Snow.
Marcus Phillips Hambleton,	<i>Brunswick,</i>	C. E. Lancaster.
Robert Clarence Hannigan, A.B.,	<i>St. Stephens, N. B.,</i>	R. Holland.
Oramel Elisha Haney,	<i>Belfast,</i>	J. C. Ham.
Orville Leon Hanlon, A.B.,	<i>Grovetown, N. H.,</i>	A. W. Scott.
Edgar Ivory Hanscom, A.B.,	<i>Lebanon,</i>	G. R. Cate.

NAMES.	RESIDENCES.	PRECEPTORS.
John Forrest Harkins,	<i>Lewiston,</i>	J. A. & A. F. Leader.
Alfred William Haskell,	<i>Portland,</i>	P. S. M. I.
Wm. Reginald Leonard Hathway,	<i>Garland,</i>	F. A. C. Emerson.
Harry Willis Haynes,	<i>Brunswick,</i>	G. Cook and S. T. Brown.
Owen Berry Head,	<i>Denmark,</i>	P. S. M. I.
Bruce Alvin Higgins,	<i>E. Corinth,</i>	C. D. Edmonds.
Clarence Eugene Hight,	<i>Jefferson, N. H.,</i>	C. H. Burnham.
Louis Lenville Hills, A.B.,	<i>Portland,</i>	P. S. M. I. and G. H. Cummings.
Frank Henry Hobbs,	<i>Waterboro,</i>	C. E. Landers and W. J. Downs.
Roland Sewall Howard,	<i>Farmington.</i>	
James Gilbert Hutchins,	<i>Orland,</i>	H. E. Snow.
William Everett Jonah, A.B.,	<i>Eastport,</i>	H. V. Jonah.
Clarence Fairbanks Kendall, A.B.,	<i>Biddeford,</i>	C. J. Emery.
James Aldrich King,	<i>Melville, Mass.,</i>	F. J. King and R. P. Caswell.
Herbert Manson Larrabee,	<i>Portland,</i>	B. F. Dunn.
Richard Timothy Leader,	<i>Lewiston,</i>	J. A. & A. M. F. Leader.
Frank Elliot Leslie,	<i>Woburn, Mass.,</i>	G. W. Whitmore and I. W. Starbird.
Stillman David Little,	<i>Milltown,</i>	J. Woods.
Joseph Robert Lombard,	<i>Brunswick,</i>	C. W. P. Foss.
Samuel Heber Long,	<i>Brockton, Mass.,</i>	J. E. McGrath.
Fred Clarence Lord,	<i>Belgrade,</i>	F. N. Staples and G. E. Washburn.

NAMES.	RESIDENCES.	PRECEPTORS.
James Webster Loughlin,	<i>New York,</i>	C. L. Johnston.
James Marshall Lowe,	<i>Vinalhaven,</i>	H. L. Raymond.
Martin Crowell Maddan,	<i>Oldtown,</i>	J. N. Norcross.
Clarence Harold Marston,	<i>W. Baldwin,</i>	C. E. Lancaster.
Edwin John Marston,	<i>Brunswick,</i>	C. E. Lancaster.
Henry Thomas McCarthy,	<i>Lewiston,</i>	W. H. Hawkins.
Eugene Miller McCarty,	<i>Woodfords,</i>	P. S. M. I. and A. V. Thompson.
John Bernard McDonald,	<i>Boston, Mass.,</i>	C. S. Little.
John Sewell Milliken,	<i>Farmington,</i>	E. B. Currier,
Frank Baxter Mitchell,	<i>Norwich, Conn.,</i>	H. B. Palmer and P. S. M. I. E. H. Linnel.
Alonzo William Morelin, A.B.,	<i>Dresden Mills,</i>	L. H. Dorr and A. S. Brainard.
Harry Hill Nevers,	<i>Norway,</i>	F. N. Barker.
Joseph Ernest Odiorne, A.B.,	<i>Richmond,</i>	W. E. Whitney.
Mason Parker,	<i>Phillips,</i>	E. B. Currier.
Frederick Berthel Peabody,	<i>Phillips,</i>	G. R. Hagerthy and E. B. Currier.
Joseph John Pelletier,	<i>Lewiston,</i>	W. E. Webber.
Edgar Llewellyn Pennell, A.B.,	<i>Gray,</i>	W. G. Pennell.
Charles Henry Phillips,	<i>Beverly, Mass.,</i>	C. A. Stetson.
Harold Ashton Pingree,	<i>Portland,</i>	P. S. M. I.
Edwin Francis Pratt, A.B.,	<i>Portland,</i>	C. E. Lancaster.
Nelson Oswell Price,	<i>Havilock, N. B.,</i>	F. O. Price.

NAMES.	RESIDENCES.	PRECEPTORS.
Lester Given Purington,	<i>West Bowdoin,</i>	G. W. Curtis.
Bennet Homer Quinn,	<i>Lubec,</i>	E. H. Pennel.
Maurice Edwin Ridley,	<i>Richmond,</i>	C. W. Price.
James Percy Russell, A.B.,	<i>Warren,</i>	J. M. Wakefield.
Warren Bigelow Sanborn,	<i>Augusta,</i>	B. F. Sanborn.
Samuel Gay Sawyer,	<i>Limington,</i>	W. D. Williamson and P. S. M. I.
Norton Maxwell Small,	<i>Deer Isle,</i>	A. M. Small.
Ervin Linwood Soule,	<i>Knightville,</i>	F. I. Brown.
Joseph Snow Stetson, A.B.,	<i>Brunswick,</i>	E. A. G. Stetson.
Henry Kingsbury Stinson,	<i>Richmond,</i>	W. E. Whitney.
Albert Fales Stuart,	<i>Appleton,</i>	L. W. Hadley and S. P. Strickland.
Milton Gorham Sturgis,	<i>Lewiston,</i>	W. E. Webber.
Raymond Ritchie Tebbetts,	<i>E. Palermo,</i>	H. H. Colburn.
Clarence Edgar Thompson,	<i>Portland,</i>	C. W. Foster, P. S. M. I.
Fred Chamberlain Tobey,	<i>Boston, Mass.,</i>	C. B. Cotton, P. S. M. I.
Harry Coulter Todd, A.B.,	<i>Calais,</i>	J. M. Deacon.
Virgil Connor Totman, A.M.,	<i>Bar Mills,</i>	A. H. Weeks.
Joseph Paul Traynor,	<i>Biddeford,</i>	M. H. Fergusson.
Elton Murray Varney,	<i>Brunswick,</i>	G. M. Elliot.
Linton Edson Waldron, A.B.,	<i>Waterville,</i>	F. C. Thayer.
Joseph Walsh,	<i>Augusta,</i>	O. C. S. Davies.

NAMES.	RESIDENCES.	PRECEPTORS.
Robert James Weisman,	<i>Lewiston,</i>	J. A. Donovan.
Fred Everett Wheeler,	<i>West Paris,</i>	O. K. Yates, P. S. M. I.
Arthur Goodwin Wiley, A.B.,	<i>Bethel,</i>	C. D. Hill.
Charles Arthur Worthen,	<i>Haverhill, Mass.,</i>	P. S. M. I.
Harold Worthley,	<i>Phillips,</i>	E. B. Currier.

# GRADUATING CLASS OF 1900.

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NAMES.	THESES.
Daniel Alden Barrell,	Anæsthesia.
George Kenniston Blair,	Neurasthenia.
Charles Oscar Caswell, A.B.,	Empyema of the Maxillary Sinuses.
George Appleby Coombs,	Hydrotherapy.
Edson Selden Cummings,	Diabetes Mellitus.
Philip Webb Davis, A.B.,	Typhus Fever.
Francis William Donahue, A.B.,	Appendicitis.
Carl Rosswell Doten,	Hysteria.
Wallace Wadsworth Dyson,	Diabetes Mellitus.
Fred Eugene Earle,	Diphtheria.
Edman Payson Fish,	Tuberculosis of the Peritoneum.
George Varnum Fiske,	Acute Infection during Pregnancy.
Harry Everett Gribben, A.B.,	Uræmia.
Alfred William Haskell,	Obstetrics.
Owen Berry Head,	Causes of Diseases of Children.
Clarence Eugene Hight,	Physical Diagnosis.
Frank Henry Hobbs,	Disinfection and Disinfectants.
William Everett Jonah, A.B.,	Rational Medicine.
James Aldrich King,	Serum Therapy.
James Webster Loughlin,	Malaria.
Eugene Miller McCarty,	Croupous Pneumonia.
John Sewall Milliken,	Public Health.
Frederick Berthel Peabody,	Causes and Treatment of Abortion.
Charles Henry Philips,	Causes of Gonorrhœa.
Edwin Francis Pratt, A.B.,	Whooping Cough.
Lester Given Purinton, A.B.,	Antitoxin.
Samuel Guy Sawyer,	Diphtheria.
Erwin Linwood Soule,	Potts Disease.
Henry Kingsbury Stinson,	Cystitis.
Albert Fales Stuart,	Prophylactic Treatment.
Harry Coulter Todd, A.B.,	Medical Jurisprudence.
Virgil Connor Totman, A. M.,	Anæsthesia.



## GENERAL STATEMENT.

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The Medical School of Maine, established by the first legislature of the State, was by its charter placed under the control of the Boards of Trustees and Overseers of Bowdoin College, of which institution it is the Medical Department.

Its course of instruction covers four years of six months each. The studies are distributed through the curriculum according to the following schedule:

*First Year:* Anatomy, Histology, Physiology, Chemistry, Personal Hygiene.

*Second Year:* Anatomy, Physiology, Chemistry, Pathology, Bacteriology.

*Third Year:* Internal Medicine, Surgery, Materia Medica and Therapeutics, Obstetrics.

*Fourth Year:* Internal Medicine, Surgery, Materia Medica and Therapeutics, Medical Jurisprudence, Public Hygiene, Diseases of Women, Diseases of Children, Diseases of the Mind, Diseases of the Skin, Diseases of the Genito-urinary System, Diseases of the Eye, Diseases of the Ear, Diseases of the Nose and Throat.

The course is strictly graded, and all of the required studies of one year must be completed before those of the next succeeding year can be entered upon.

At the end of each year an examination is held in the studies of that year, and the successful student receives a certificate from the Dean, testifying to his passage. Those who prefer to defer their examination, and those who have failed at the close of the school-year, are allowed an examination at the beginning of the next year. If, for any sufficient cause, a student is unable to be present at the time appointed for this second examination, he may be examined three weeks after the beginning of the year. Failure to pass in the studies of the fourth year will necessitate a repetition of the work of that year.

To be eligible for examination in the studies of the first year, the student must have completed a full year of professional study, and

show documentary evidence to that effect; and corresponding requirements must be fulfilled before admission to the second-year and third-year examinations.

An examination which is not completed receives no consideration.

The students of the first and second years are instructed at Brunswick, where the School has been situated since its foundation in 1820, and where the facilities are excellent for imparting a knowledge of the primary branches. The third-year and fourth-year classes will hereafter be taught in Portland, on account of the superior clinical advantages afforded in that city. The first of the two buildings designed for the use of the School, and occupied by it during the last course, furnishes ample accommodations for the advanced classes. As soon as the second and larger building is completed, the whole School will be located in Portland. The location of these buildings is on Chadwick street, near the Maine General Hospital, in which institution nearly all of the teachers in the School are medical or surgical officers, and the directors of which are in full sympathy with the purposes of the Faculty.

While the Maine General Hospital is the chief source for the supply of clinical material for the School, Portland has a number of other institutions which will contribute to the bedside instruction of the students; and the various teachers, as opportunity permits, will show individual pupils interesting cases in their private practice.

The eighty-first annual course will begin on Thursday, December 27, 1900, and will continue twenty-six weeks.

Examinations for *admission to the School* will be held at 9 A. M. on Thursday, December 27, in Brunswick. Examinations for *advanced standing* will be held at 9 A. M. on Friday, December 28, in Brunswick, for those wishing to enter the second year; and at 9 A. M. on Saturday, December 29, in Portland, for those who wish to enter the third year.

The formal introductory lecture will be delivered by Professor Weeks, in Memorial Hall, Brunswick, on Monday, December 31, at 3 P. M.

The systematic courses of instruction will begin on Wednesday morning, January 2.

On arriving in Brunswick, students should apply at the office of the Dean, in Adams Hall, enter their names, receive directions concerning their examinations, if any are needed, pay their fees, and be advised as to boarding places.

In Portland they should apply at the office in the medical building for the same purposes. Dr. Charles O. Hunt will act as Deputy Dean.

**EXPENSES.***For Instruction:*

In each of the required four years, \$100. Those who matriculated prior to 1899, however, will be required to pay only those fees which were in vogue on their admission to the School, namely, \$78 for their second course, and \$50 for their third course.

*For Examinations:*

Payable at the end of the first year—

In Anatomy..... \$5 00

In Physiology..... 5 00

In Chemistry..... 5 00

Payable at the close of the term of instruction in

Obstetrics, for examination in this branch, 5 00

These four fees are credited on the diploma or graduation fee.

For every re-examination in any of the above studies, \$3.00.

This fee is not credited on the diploma fee.

For examination or re-examination in any branch, at a time not regularly appointed, a fee of \$5.00 must be paid, in addition to the prescribed fee for that examination.

*Miscellaneous:*

The matriculation fee of \$5.00 is required of every student each year.

For materials used in the chemical laboratory courses, about \$2.50 per year.

For materials used in the bacteriological laboratory, about \$2.00.

For anatomical material, its cost.

For graduation fee (not returnable), including the parchment diploma, \$25.00. This will have been nearly paid in the examination fees in the previous years.

Graduates of other schools, who have been engaged three years in the regular practice of medicine, may receive a general ticket upon presentation of their diplomas and payment of the matriculation fee. Graduates of other schools are not eligible for a degree from this school without attendance upon a full course of instruction immediately preceding the examination for such a degree.

All fees must be PAID IN CASH and STRICTLY IN ADVANCE.

Board and lodging cost from \$3.00 to \$5.00 a week.

## REQUIREMENTS FOR ADMISSION.

Applicants for admission will be required to give evidence that they possess a good English education. Unless they present diplomas or entrance tickets as provided below, they must pass examinations in the following subjects:

*English.*—Spelling, writing, construction of sentences, and English grammar.

*Arithmetic.*—As represented in the larger common school text-books.

*Algebra.*—Including addition, subtraction, multiplication, division, factoring, and simple equations; as much, for example, as is contained in the first eleven chapters of Wentworth's New School Algebra.

*Geometry.*—Including at least three books of some standard Plane Geometry, such as Wells's or Wentworth's.

*History of the United States.*—To the extent afforded in the ordinary school history, such as Montgomery's.

*Physics.*—As presented in any standard school text-book, such as Gage's Elements of Physics, or Dolbear's Natural Philosophy. This requirement cannot well be met with less than a year's study in some good school, where the illustrative experiments are required to be performed.

*Chemistry.*—As much as is covered in some standard school chemistry, as Remsen's or Storer and Lindsay's. As in the case of Physics, this requirement cannot well be met with less than a year's study in some school provided with a laboratory, where illustrative experiments have been performed by the student. These experiments should include elementary qualitative analysis, and candidates should present note-books giving accounts of experiments performed, which books must be certified by the teacher.

*Latin.*—Including sight-reading of easy Latin, a knowledge of the construction of Latin sentences, and the reading of some standard Latin author, as Cæsar or Virgil. At least two years should have been spent in the study of Latin in some good school.

Graduates of Colleges, Normal Schools, High Schools, or Academies, and students who have passed the entrance examination of any recognized College, will, on presentation of their diplomas or matriculation tickets, be exempt from examination, provided that their

previous studies have included Latin, Chemistry, and Physics to an extent not less than herein prescribed; but if their previous studies have not included Latin, Chemistry, and Physics to the required extent, they must be examined upon these branches, and their diplomas or matriculation tickets will exempt them from examination in the other branches. In the reception of diplomas and tickets, business colleges are not recognized.

Students from other schools who apply for advanced standing must comply with the requirements for admission to the first year, must give satisfactory evidence that they have completed a course or courses of instruction equivalent in kind and amount to that or those in this School preceding that to which admission is sought, and must pass examinations in all of the branches previously pursued by the class which they wish to enter. Certificates of the passage of examination in other schools are not accepted in lieu of examinations.

It is desired that a literal interpretation shall be placed upon the stated requirements of the candidates for matriculation, as hitherto there have been not infrequent examples of those who inquire if other conditions than those named will not serve in lieu of the examination. The same consideration is asked for the explicit conditions named as regulating the prepayment of fees in cash.

## GRADUATION.

A candidate must be twenty-one years of age, and must have devoted to his professional studies four years, including a course of instruction in each of these years in some reputable, regular, incorporated medical institution; and the last course previous to examination must have been in this School. As evidence of his study when not in attendance upon such a school, he must present to the Dean the certificate of a regular and reputable practitioner of medicine. He must present a satisfactory certificate of good moral character from a citizen of the place in which he resides. He must also pass a satisfactory examination in the required studies, previously specified, and present a thesis on some medical subject, a fair copy of which must be handed to the Dean at least ten days before the beginning of the final examinations.

The requirement of four years of study and four courses of instruction will not be enforced in the case of those students who were matriculated in this School prior to June, 1899. Such students will be permitted to graduate on the terms hitherto in vogue, namely,



three years of study, and a course of instruction in each. But all who matriculate after June, 1899, will come within the scope of the new requirements.

Time spent in pharmacy, dental, and veterinary institutions, and in preparatory schools does not entitle a student to examination for advanced standing.

A student who has received the degree of A.B., B.S., or any similar degree, after four years of study in a recognized college or technical school, may, if his studies have included a satisfactory amount of Chemistry, Physics and Biology, be admitted as a second year student; but when so admitted, he cannot gain third year standing until he has passed satisfactory examinations in the studies of the first and second years.

## METHODS OF INSTRUCTION.

In order to afford to students who contemplate entering the School an idea of the facilities presented by this institution for acquiring a knowledge of the science and art of medicine, a brief statement is here made of the scope of the work in each department, and the methods adopted for imparting instruction.

**ANATOMY.** The course in this branch covers two years. In the early part of the first year the elementary tissues are studied, both in the lecture room and the histological laboratory. Then the viscera (including the cerebro-spinal axis and the organs of the special senses) are taken up in such order as will enable the student to become acquainted with the structure of each organ before its function is treated of by the professor of physiology. Synchronously with this work the subjects of osteology and arthrology are pursued. All of these exercises are illustrated by casts, models, fresh and preserved specimens, and free-hand blackboard drawings. Some subjects are treated by lectures, but the recitation method has the more prominent place. Four hours of didactic exercises a week are given to the first-year work, and the afternoons for some weeks are devoted to microscopic work. The School provides a large number of microscopes; but students owning microscopes will find it advantageous to bring them.

The second year in Anatomy is devoted to the remainder of systematic anatomy and to relational anatomy. Myology is taken first, and the student must be able to recognize the muscles in the part which he is to dissect before he is allowed to work on the cadaver. Two dissections on different parts are required, and students are



encouraged to dissect as much more as is possible. Surface anatomy is illustrated upon the living model, upon which, also, the students are required to make demonstrations. In the examinations at the close of the year, demonstrations upon the dissected subject are a prominent feature.

Before coming to the School students can do much to equip themselves for appreciation of human anatomy by making systematic dissections of some lower animals; and to this end they are earnestly advised to follow faithfully the directions prescribed in "Physiology Practicums," which will be sent post-paid for one dollar by the author, Prof. B. G. Wilder, Ithaca, N. Y. Useful books in the same line are Wilder and Gage's Anatomical Technology, Foster and Langley's Practical Physiology, and Huxley and Martin's Biology.

The Anatomical Museum, previously well supplied with wet and dry specimens, casts and models in plaster, wax, and papier maché, has recently been enriched by a large importation from Germany, which adds greatly to the means for instruction.

**PHYSIOLOGY.** Instruction in this department is conducted with a view to the practical application of the facts of Physiology to the needs of the student in his study of the diagnosis and treatment of disease, and demonstrations and experimental teaching are employed as far as they can be made to serve this end.

In the first year the work will be devoted to the functions of nutrition and reproduction; in the second year, to the functions of relation. A portion of the hours will be devoted to text-book recitations.

If a student presents a certificate of having completed two full years of medical study, or of having pursued approved courses in this branch in a reputable college or technical school, he may be examined at the end of his first year in this School upon the physiological studies of the second year, as well as upon those of the first year.

**CHEMISTRY.** The chemical course extends through the first two years. In the first year inorganic preparations, toxicology, and the simpler parts of organic chemistry are taken up. Two exercises a week are held of one hour each, except when laboratory work or a quiz is given, when additional time may be taken.

In the second year, the course includes urinary analysis and diagnosis, and continuation of organic chemistry, to include carbohydrates, fats and oils, proteids, alkaloids, and medicinal substances derived from coal-tar. The time is substantially the same as in the first year.

At the end of each year examinations are held, and the results of these, taken in connection with the laboratory work and quizzes, determine whether or not the work has been satisfactorily completed.

Students who satisfy the Professor of Chemistry that they have pursued courses of chemical study similar to either of the above, may be examined by him at the beginning of the term, and, if the examination is satisfactory, they will be excused from attendance upon the courses in question.

The Chemical Department possesses all the apparatus essential to the complete illustration of the principles of Chemistry. The laboratories in the Mary F. S. Searles Science Building furnish unsurpassed advantages for special courses in analytical chemistry, urinary analysis, and toxicology. These courses are compulsory, and will be entered upon immediately after the close of the dissecting season.

**OBSTETRICS.** The instruction in this branch is given by lectures, recitations, and quizzes, illustrated by models, manikins, and actual specimens.

**PATHOLOGY AND THE PRACTICE OF MEDICINE.** Instruction will be given by means of lectures, by regular and systematic quizzes upon these lectures, and by charts. Especial attention will be given to the study of methods of physical diagnosis.

A medical clinic will be held by the Professor at the Hospital every Thursday, at 9 A. M., the material being furnished by the visiting physicians from the abundant resources of their wards, and by all members of the faculty as they have cases of interest which can be utilized for the illustration of subjects under treatment in the didactic course. The visiting physicians will hold additional clinics as opportunity occurs. Definite announcements of these exercises will be seasonably made.

**BACTERIOLOGY AND PATHOLOGICAL HISTOLOGY.** *A. Bacteriology.*—The course consists of lectures and laboratory work. In the laboratory course, each student is required to cultivate upon three media ten varieties of pathogenic bacteria, to make stained microscopical preparations of each variety, and to study with the microscope the living organisms in hanging drop preparations. Special attention is given to the examination of sputum for tubercle bacilli, to the diagnosis of diphtheria by means of making smears from suspected throats on Löffler's blood-serum mixture, to the technic of the serum diagnosis of typhoid fever, and to methods of staining gonorrhœal pus.

*B. Pathological Histology.*—The course consists of lectures and laboratory work. The first half of the course is devoted to the study

of inflammations excited by chemical and bacterial causes. It includes the pathological histology of tuberculosis, diphtheria, pneumonia, etc. The second half of the course is devoted mainly to the study of tumors.

In the laboratory course each student is required to make stained microscopical preparations illustrating the disease processes studied. These preparations become the property of the student and are preserved for reference. Many of these preparations are made from tissues obtained at the surgical clinics and thus show the pathology of cases previously observed.

**SURGERY.** The entire field of Surgery is covered by the instruction in this department, excepting those portions coming under the heads of gynæcology, ophthalmology, and otology. The didactic lectures are supplemented by ample bedside teaching. A clinic will be held every Saturday, at 9 A. M., at the Hospital, the visiting surgeons of which place at the disposal of the professor whatever material in their wards he desires for illustration of the topics which he has in hand.

In addition to these systematic clinics, students have the privilege of witnessing operations almost every day at the Hospital, and these will be explained and made as useful as possible by the surgeons. Opportunity will be given to observe the after-treatment and subsequent progress of the cases, sections of the class being permitted to visit the wards under the guidance of the surgeons on duty.

Minor and operative surgery receive due attention, and the most practical character is given to the instruction, the students being required to apply bandages and other dressings, and to perform operations upon the cadaver under the direct supervision of the instructor.

**MATERIA MEDICA AND THERAPEUTICS.** The instruction in *Materia Medica* and *Therapeutics* will be given by lectures and quizzes. A practical exercise in prescription writing will be given every week, by which the student will be taught not only to write the prescription correctly, but to prescribe correctly for given conditions.

**MEDICAL JURISPRUDENCE.** The instruction in *Medical Jurisprudence* will be directed mainly to an exposition of the legal duties and responsibilities of physicians and surgeons to their patients, and also to their character and position as medical expert witnesses in courts of justice. Practical suggestions will be given for guidance in both respects.

**GYNÆCOLOGY.** Didactic and clinical instruction will be combined in the department of diseases of women. Abundant opportunities will be given to examine patients whose diseases come within the

scope of this department. The various methods of diagnosis and treatment will be demonstrated.

**DISEASES OF CHILDREN.** The instruction in this department will be given chiefly by lectures and recitations, and will also include clinical exercises and demonstrations.

**MENTAL DISEASES.** The professor of this department is chief medical officer of the Pennsylvania Hospital for the Insane. Especial efforts are made to instruct the students in the early recognition of insanity, with a view to the institution of treatment at the time when it is most productive of good results.

**OPHTHALMOLOGY AND OTOTOLOGY.** A weekly clinic in diseases of the eye and ear will be held at the Hospital on Saturday, at 11 A. M. The various diseases will be described as cases illustrating them are available for demonstration, operations will be performed when required, and other treatment applied as may be necessary.

**PUBLIC HYGIENE.** Instruction in the form of lectures is given by the President of the State Board of Health on the principles of public sanitation, the source and character of public water supplies, and the collection and disposal of waste, with especial reference to preventable diseases. Several hours are devoted to sanitary legislation, and the relations and obligations of the practicing physician to the public and to health-boards, in the management of infectious diseases.

### THE LIBRARY.

The Library of the Medical School, containing 3,700 volumes, has been combined with that of the College, which numbers 68,000 volumes. Both collections are under the same administration and are at the service of the medical students. The more recently published medical works and current numbers of professional journals are kept in a separate room in the main library building for their especial use. It is not the policy of the School to furnish text-books through its Library, or to buy largely in medical literature; yet, by means of the catalogue of the Library of the Surgeon-General's office and the system of inter-library loans, the Librarian is able to procure for use in serious investigation almost any book that may be desired.

**TEXT-BOOKS.**

**ANATOMY**—Gerrish. For reference, Quain.

**PHYSIOLOGY**—For recitation work, Blakiston's edition of Kirkes. For reference, Landois and Stirling, Foster, Dalton, the American Text-Book of Physiology by Howell.

**CHEMISTRY**—For general reference, Simon, Bartley, Pellew. For reference in urinary analysis, Purdy, Black, Tyson. For use in laboratory, Robinson's Qualitative Chemical Analysis.

**PUBLIC HYGIENE**—For reference, Coplin and Bevan, Rohe, Parke's Practical Hygiene.

**MATERIA MEDICA AND THERAPEUTICS**—Hare, White & Wilcox, H. C. Wood, Butler.

**PRACTICE OF MEDICINE**—Osler, Tyson, Anders, Wood & Fitz. Practical Diagnosis, Hare.

**BACTERIOLOGY**—Abbott's Manual of Bacteriology, Muir and Richie.

**PATHOLOGY**—Ziegler's Text-Book; Pathological Technique, Mallory and Wright.

**PHYSICAL DIAGNOSIS**—Tyson, DaCosta, Page.

**DISEASES OF CHILDREN**—Holt, Rotch, Starr, Sachs.

**SURGERY**—The American Text-Book of Surgery, last edition, DaCosta's Modern Surgery, Dennis's System of Surgery, Park's Treatise on Surgery, Warren's Surgical Pathology and Therapeutics.

**OBSTETRICS**—American Text-Book of Obstetrics, Hirst, Jewett, Dorland.

**DISEASES OF WOMEN**—Kelly (2 vols.), Pozzi (2 vols.), E. C. Dudley, Robb's Gynæcological Technique, Garrigues.

**MEDICAL JURISPRUDENCE**—Taylor with Bell's Notes, Ewell.

**DISEASES OF THE EYE**—Nettleship, Swanzay, DeSchweinitz.



# ALUMNI ASSOCIATIONS.

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## **The General Association.**

*President*, JAMES McKEEN, Esq.; *Vice-President*, FRANKLIN CONANT PAYSON, Esq.: *Secretary and Treasurer*, Mr. GEORGE T. LITTLE, Brunswick, Maine.

## **Association of Boston.**

*President*, OLIVER CROCKER STEVENS, Esq.: *Secretary*, WILLIAM GARDNER REED, Esq., 423 Tremont Building, Boston, Mass.

## **Association of New York.**

*President*, WILLIAM J. CURTIS, Esq., A.M.; *Secretary*, Dr. FREDERICK HENRY DILLINGHAM, 76 West 85th Street, New York City.

## **Association of Washington.**

*President*, Hon. MELVILLE WESTON FULLER, LL.D.; *Secretary*, WILLIAM FRYE WHITE, Esq., Washington, D. C.

## **Association of the Northwest.**

*President*, LEANDER OTIS MERRIAM, A.M.; *Secretary*, JOHN O. P. WHEELWRIGHT, Esq., 420 Temple Court, Minneapolis, Minn.

## **Association of Portland.**

*President*, Hon. CLARENCE HALE, A.M.; *Secretary*, ARTHUR M. BELCHER, Esq., Portland, Maine.

## **Association of Franklin County.**

*President*, SAMUEL CLIFFORD BELCHER, Esq., A.M.; *Secretary*, Prof. GEORGE COLBY PURINGTON, Farmington, Maine.



**Association of Oxford County.**

*President*, Hon. ADDISON E. HERRICK, A.M.; *Secretary*, FRANK KIMBALL, Esq., Norway, Maine.

**Kennebec Alumni Association.**

*President*, Hon. JAMES W. BRADBURY, LL.D.; *Secretary*, J. CLAIR MINOT, Augusta, Maine.

**Bangor Alumni Association.**

*President*, Hon. SAMUEL FISHER HUMPHREY, A.M.; *Secretary*, Dr. BERTRAM LEWIS BRYANT, A.M., Bangor, Maine.

**ALUMNI RECORD.**

It is desired to keep as full a record as possible of the residences, occupations, and public services of the alumni. Information is solicited in regard to these points, and also in regard to matters appropriate to the obituary record annually published by the College.

The Centennial edition of the General Catalogue, a neatly-bound octavo of 328 pages, with illustrations, will be mailed to any address on receipt of one dollar.

Communications should be addressed to the College Librarian.

## SUMMARY.

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Academical Faculty.....	19
Medical Faculty.....	19
	<hr/>
Total .....	38
Names counted twice.....	4
	<hr/>
Total .....	34

## STUDENTS.

Seniors .....	58
Juniors .....	52
Sophomores .....	66
Freshmen .....	63
Special students .....	13
	<hr/>
Total in the College.....	252
Medical students.....	104
	<hr/>
Total .....	356

## PREPARATORY SCHOOLS.

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The schools noticed on the following pages have been constituted special Fitting Schools for Bowdoin College by the action of their several Boards of Trustees, in concurrence with the College Boards. They are annually examined by representatives of the College. Graduates of the schools, however, are required to pass the regular College entrance examinations for admission, at the same dates, and under the same conditions as are prescribed for students of other preparatory schools who take their examinations elsewhere than in Brunswick.

# FRYEBURG ACADEMY,

**Fryeburg, Me.**

INCORPORATED FEBRUARY 9, 1792.

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CHARLES GLIDDEN WILLARD, A.B., PRINCIPAL.

This school offers three courses of study:

- I. A College Preparatory Course, of four years.
- II. An Academic Course, of four years.
- III. An English and Normal Course, of four years.

## EXPENSES.

**TUITION.**—The cost of tuition is \$7.00 per term.

**BOARD.**—The cost of board is from \$3.00 to \$4.00 a week, including fuel, lights, and washing. Rooms in private houses may be obtained at from 30 to 50 cents a week. Board in clubs, if desired, can be had at very cheap rates.

## CALENDAR.

Fall Term of 14 weeks, began September 12, 1900.

Winter Term of 12 weeks, begins January 1, 1901.

Spring Term of 11 weeks, begins April 2, 1901.

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*Examiner appointed by the College for 1901:*

Professor WILMOT BROOKINGS MITCHELL.

WASHINGTON ACADEMY,  
East Machias, Me.

INCORPORATED MARCH 7, 1792.

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ARCHIE SHERMAN HARRIMAN, A.B., PRINCIPAL.

This academy offers two courses of study:

- I. A College Preparatory Course, of four years.
- II. An English Scientific Course, of four years.

EXPENSES.

TUITION.—As the income of the endowment fund pays most of the expenses of the school, the tuition fee is only \$5.00 a term, which covers all expenses.

BOARD.—The cost of board does not exceed \$3.50 a week. Rooms can be obtained at reasonable rates by those who wish to board themselves.

CALENDAR.

Fall Term of 15 weeks, began September 10, 1900.

Winter Term of 13 weeks, begins December 31, 1900.

Spring Term of 11 weeks, begins April 8, 1901.

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*Examiner appointed by the College for 1901:*

Professor GEORGE TAYLOR FILES.

# LINCOLN ACADEMY,

Newcastle, Me.

INCORPORATED FEBRUARY 23, 1801.

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GEORGE HOWARD LARRABEE, A.M., PRINCIPAL.

This school offers three courses of study:

- I. A College Preparatory Course, of four years.
- II. An Academic Course, of four years.
- III. An English and Business Course, of four years.

## EXPENSES.

TUITION.—Fall and Spring Terms, \$6.00 to \$7.00; Winter and Summer Terms, \$4.00 to \$5.00.

BOARD.—Board can be obtained at from \$3.00 to \$4.00 per week. Rooms for self-boarding may be secured at reasonable rates.

## CALENDAR.

Fall Term of 11 weeks, began September 4, 1900.

Winter Term of 8 weeks, begins November 26, 1900.

Spring Term of 11 weeks, begins February 4, 1901.

Summer Term of 8 weeks, begins April 29, 1901.

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*Examiner appointed by the College for 1901:*

Assistant Professor HARRY DEFORD SMITH.

# THORNTON ACADEMY,

Saco, Me.

INCORPORATED FEBRUARY 16, 1811.

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EDWIN PRESCOTT SAMPSON, A.M., PRINCIPAL.

The object of the academy is to furnish the elements of a solid education. It offers three full preparatory courses, viz: English or Scientific, Classical, and Business.

The English Department is designed to prepare students for the higher technical and scientific schools.

The Classical Instruction is such as to prepare pupils for the entrance examinations of the best American colleges.

The Business Course, while affording thorough training in English and scientific studies, offers, in addition, instruction in Commercial Arithmetic and Book-Keeping.

## EXPENSES.

Tuition in each course is \$10.00 a term, payable in advance. Those desiring to take special studies will be charged \$5.00 a term for each study.

Board can be obtained in the city at from \$3.00 to \$6.00 a week.

## CALENDAR.

Fall Term began September 10, 1900.

Winter Term begins January 1, 1901.

Spring Term begins April 1, 1901.

Fall Term begins September 16, 1901.

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*Examiner appointed by the College for 1901:*

Professor GUY STEVENS CALLENDER.









CATALOGUE *of*  
B O W D O I N  
C O L L E G E

*& the Medical School of Maine*

FOR THE YEAR 1901-1902



B R U N S W I C K , M A I N E

*Printed for the College* • M D C C C C I

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1901	1902		1903
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S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
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DEC.	JUNE	DEC.	JUNE
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29 30 31 .. .. .	29 30 .. .. .	28 29 30 31 .. .. .	28 29 30 .. .. .
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# Calendar

## BOWDOIN COLLEGE

1901

- September 26 . . . First Term began — Thursday at 8.15 A. M.  
 Nov. 27 to Dec. 2 . . . Thanksgiving Recess — 12.30 A. M., Wednesday  
 to 8.20 A. M., Monday.  
 December 19 . . . Sophomore Prize Declamation — Thursday, 8  
 P. M.  
 Dec. 16 to 20 . . . Examinations of the First Term — Monday to  
 Friday.

*Vacation from December 20 to 8.15 A. M., January 2.*

1902

- February 13 . . . "Class of 1868" Prize Speaking — Thursday,  
 8 P. M.  
 February 22 . . . Washington's Birthday: a holiday — Saturday.  
 March 31 to April 4 . . . Examinations of the Second Term — Monday  
 to Friday.

*Vacation from April 4 to 7.50 A. M., April 15.*

- May 30 . . . . . Memorial Day: a holiday — Friday.  
 June 13 . . . . . Ivy Day Exercises — Friday.  
 June 13 and 14 . . . Entrance Examinations at Preparatory Schools  
 — Friday and Saturday.  
 June 16 to 20 . . . Examinations of the Third Term — Monday to  
 Friday.  
 June 22 . . . . . Baccalaureate Sermon — Sunday, 4 P. M.  
 June 23 . . . . . Junior Prize Declamation — Monday, 8 P. M.  
 June 24 . . . . . Class Day Exercises — Tuesday, 10 A. M., 3  
 P. M., and 8 P. M.  
 June 25 . . . . . One Hundredth Anniversary of the formal open-  
 ing of the college. Address by Hon. Thomas  
 Brackett Reed, LL.D., of New York — Wed-  
 nesday.  
 Annual Meeting of the Phi Beta Kappa Society.  
 The President's Reception — 8 to 10 P. M.  
 June 26 . . . . . Annual Meeting of the Alumni Association —  
 Thursday, 9 A. M.  
 The Commencement Exercises — 10.30 A. M.  
 Commencement Dinner — 12.30 P. M.

# Bowdoin College

June 27 and 28 . . Entrance Examinations in Brunswick — Friday and Saturday.

## *Summer Vacation of Thirteen Weeks.*

Sept. 22 to 24 . . Entrance Examinations in Brunswick — Monday to Wednesday.

September 25 . . First Term begins — Thursday at 8.15 A. M.

## MEDICAL SCHOOL OF MAINE

1901

December 26 . . Entrance Examinations for First Year Students ; in Brunswick — Thursday, 9 A. M.

December 27 . . Examinations for Admission to Advanced Standing. For Admission to the Second Year, Examinations are in Brunswick as follows: Anatomy at 9 A. M., Physiology at 2 P. M., Friday.

December 28 . . Examinations for Admission to Advanced Standing. For Admission to the Third Year, Examinations are in Portland as follows: Anatomy at 9 A. M., Physiology at 2 P. M., Saturday.

December 30 . . Introductory Lecture — Monday, 3 P. M., Memorial Hall, Brunswick.

December 31 . . Lectures begin.

1902

January 1 . . . . New Year's Day: a holiday — Wednesday.

February 22 . . . . Washington's Birthday: a holiday — Saturday.

*Recess from noon of the Wednesday immediately preceding Fast Day to the morning of the Tuesday next following.*

May 30 . . . . Memorial Day: a holiday — Friday.

June 16 to 24 . . . . Final Examinations — Monday to Thursday week.

December 25 to 28 . . Entrance Examinations; Examinations for Admission to Advanced Standing — Thursday to Saturday.

December 30 . . Lectures begin.

# BOWDOIN COLLEGE

**B**OWDOIN COLLEGE was incorporated by the General Court of Massachusetts, upon the joint petition of the Association of Ministers and the Court of Sessions of Cumberland County. The act of incorporation was signed by Governor Samuel Adams, June 24, 1794.

The college was named in honor of James Bowdoin, a grandson of the Huguenot refugee, Pierre Baudouin, who fled from the religious persecution that followed the revocation of the Edict of Nantes, and, in 1687, made a home for himself on the shores of Casco Bay, in what is now the city of Portland. In the next generation the family name was anglicized, and the grandson, James Bowdoin, was born in Boston, which had become the family home, and was graduated from Harvard College in 1745.

He was a staunch and influential supporter of the movement for American independence, a member for many years of the Council, or senate, of the colonial legislature, a delegate to the first Continental Congress in Philadelphia, president of the Provincial Council, and a close personal friend of Washington. He was also the president of the convention which framed the Constitution of Massachusetts, and was, subsequently, for two terms Governor of the State. In addition to his civil honors he received honorary academic degrees from Harvard, from the University of Pennsylvania, and from the University of Edinburgh; he was a member of various foreign societies, the first president of the American Academy of Arts and Sciences, and a valued friend and correspondent of Benjamin Franklin.

The earliest patron of the college was the Honorable James Bowdoin, son of the Governor. He was graduated from Harvard College in 1771, and subsequently studied at the University of Oxford. In President Jefferson's administration he was appointed successively Minister Plenipotentiary at the Court of Spain, and Associate Minis-

## Bowdoin College

ter at the Court of France. During his residence abroad he accumulated a valuable library, a collection of paintings and drawings by old and modern masters, a cabinet of minerals and fossils, together with models of crystallography, all of which he bequeathed to the college. During his lifetime he gave land, money, and apparatus to the college, and at his death it became, by will, his residuary legatee.

Circumstances delayed the opening of the college for several years after its incorporation; but in 1802, a substantial brick building having been erected for its accommodation, the first president was inaugurated, and the work of instruction was begun. The college was established, and has been maintained, under the general patronage of the Congregational churches, but its instruction, government, and administration are, and have always been, unsectarian. The government of the college is vested in two concurrent Boards, the Trustees and the Overseers, and since 1870 one-half the vacancies occurring in the Board of Overseers have been filled from nominations by the body of the alumni.

The Medical School dates from 1820, when it was incorporated by the first legislature of the new State of Maine, and made a department of Bowdoin College.

At the Commencement of 1894 the one hundredth anniversary of the incorporation of the college was celebrated with appropriate exercises, and at that time the academical, medical, and honorary graduates numbered, together, four thousand three hundred and sixty-five; and another thousand was made up of those who had studied in the college without taking a degree, and of those who were undergraduates in that anniversary year.

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HON. EDWIN UPTON CURTIS, A.M.,	<i>Boston, Mass.</i>
REV. CHARLES HERRICK CUTLER, A.B.,	<i>Bangor.</i>
FRANKLIN CONANT PAYSON, Esq., A.M.,	<i>Portland.</i>
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CHARLES AUGUSTUS RING, A.M., M.D., *Professor of  
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LESLIE ALEXANDER LEE, PH.D., *Professor of Geology and  
Biology.* 3 Bath Street.

FRANKLIN CLEMENT ROBINSON, A.M., *Professor of Chem-  
istry and Mineralogy, and Josiah Little Professor of Natural  
Science.* 214 Maine Street.

\* The residence is in Brunswick, except as otherwise stated.

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687 Congress Street, Portland.
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Histology.* 624 Congress Street, Portland.
- HENRY DARENYDD EVANS, A.B., *Assistant in Chemistry.*  
19 Winthrop Hall.
- AUSTIN PARK LARRABEE, A.B., *Assistant in Biology.*  
19 Winthrop Hall.

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- IRA PEIRCE BOOKER, Esq., *Treasurer.* 23 School Street.  
The office of the Treasurer is in Massachusetts Hall.  
OFFICE HOURS: 9 to 12, 2 to 4; Saturdays, 9 to 12.
- SAMUEL BENSON FURBISH, B.S., *Treasurer's Assistant.*  
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7 McKeen Street.
- EDITH JENNEY BOARDMAN, *Assistant in the Library.*  
2 High Street.
- HATTIE OCTAVIA PERRY, *Assistant in the Library.*  
254 Maine Street.
- FRANCES PLUMMER MORSE, *Assistant Registrar.*  
31 Cumberland Street.
- CAROLINE TILLSON ROBINSON, *Assistant Curator of the  
Art Collections.* 256 Maine Street.



# STUDENTS

## Undergraduates

### SENIORS — Class of 1902

ABBREVIATIONS: A. H., Appleton Hall; M. H., Maine Hall; W. H., Winthrop Hall.

Name	Residence	Room
Anthoine, Edward Swasey . . . . .	<i>Portland</i> . . . . .	21 M. H.
Appleton, John . . . . .	<i>Bangor</i> . . . . .	Δ. K. E. House.
Barker, Ben . . . . .	<i>Portland</i> . . . . .	11 W. H.
Barker, Nat Bailey Twycross . . . . .	<i>Cedar Grove</i> . . . . .	15 W. H.
Benson, Robert Sanford . . . . .	<i>Snow's Falls</i> . . . . .	17 Everett St.
Blake, Thomas Herbert . . . . .	<i>Bangor</i> . . . . .	12 M. H.
Bodwell, Ralph Porter . . . . .	<i>Brunswick</i> . . . . .	Δ. K. E. House.
Carter, Edward Edgecombe . . . . .	<i>Bath</i> . . . . .	24 A. H.
Cobb, Philip Howard . . . . .	<i>Portland</i> . . . . .	Δ. K. E. House.
Cousens, Lyman Abbott . . . . .	<i>Portland</i> . . . . .	21 M. H.
Dole, Richard Bryant . . . . .	<i>Portland</i> . . . . .	17 W. H.
Eastman, Harold Benjamin . . . . .	<i>Portland</i> . . . . .	Δ. K. E. House.
Files, Ernest Woodbury . . . . .	<i>Gorham</i> . . . . .	30 W. H.
Flye, William Laberee . . . . .	<i>Sheepscot</i> . . . . .	30 W. H.
Fogg, George Edwin . . . . .	<i>Portland</i> . . . . .	21 W. H.
Folsom, Ernest Bertrand . . . . .	<i>Stroudwater</i> . . . . .	17 W. H.
Furbish, John Arthur . . . . .	<i>Brunswick</i> . . . . .	10 Cumberland St.
Garcelon, William Skelton . . . . .	<i>Lewiston</i> . . . . .	30 A. H.
Gibson, Harvey Dow . . . . .	<i>N. Conway, N. H.</i> . . . . .	21 A. H.
Giles, Erwin Garfield . . . . .	<i>E. Brownfield</i> . . . . .	18 A. H.
Glidden, Walter Seward . . . . .	<i>Bath</i> . . . . .	Bath.
Gray, Lee Thomas . . . . .	<i>Lubec</i> . . . . .	23 M. H.
Grinnell, Herbert Leroy, Jr. . . . .	<i>Bath</i> . . . . .	B. Θ. Π. House.
Gross, Daniel Irving . . . . .	<i>Blue Hill</i> . . . . .	8 School St.
Haley, Eben Ricker . . . . .	<i>Gardiner</i> . . . . .	23 M. H.

# Bowdoin College

Name	Residence	Room
Hamilton, Benjamin Peirce . . . .	<i>Waterboro</i> . . . . .	8 School St.
Hamilton, James Oliver . . . . .	<i>Waterboro</i> . . . . .	8 School St.
Hayden, Benjamin Franklin . . . .	<i>S. Portland</i> . . . . .	13 M. H.
Hayes, Edmund . . . . .	<i>Farmington</i> . . . . .	A. Δ. Φ. House.
Higgins, John Warren . . . . .	<i>Starks</i> . . . . .	15 M. H.
Hill, Almon Franklin, Jr. . . . .	<i>Portland</i> . . . . .	29 A. H.
Hunt, Charles Henry . . . . .	<i>Portland</i> . . . . .	25 W. H.
Hunt, Harry Joseph . . . . .	<i>Bangor</i> . . . . .	A. Δ. Φ. House.
Kelley, Benjamin Edward . . . . .	<i>Boothbay</i> . . . . .	32 W. H.
Kelley, Eugene Robert . . . . .	<i>Island Falls</i> . . . . .	32 M. H.
Mabry, Irving Ellis . . . . .	<i>E. Hiram</i> . . . . .	18 A. H.
McCann, Harrison King . . . . .	<i>Westbrook</i> . . . . .	21 A. H.
Merrill, Perez Benjamin . . . . .	<i>Littleton, Mass.</i> . . . .	32 A. H.
Noyes, Sidney Webb . . . . .	<i>Portland</i> . . . . .	25 W. H.
Preston, Clifford Hamilton . . . .	<i>Farmington</i> . . . . .	15 A. H.
Rodick, Andrew Stroud . . . . .	<i>Bar Harbor</i> . . . . .	24 A. H.
Rolfe, Charles Edgar, 2d . . . . .	<i>Unity</i> . . . . .	A. Δ. Φ. House.
Sinkinson, John Hudson . . . . .	<i>Portland</i> . . . . .	12 M. H.
Stanwood, Frederic Arthur . . . .	<i>Wellesley, Mass.</i> . . . .	A. Δ. Φ. House.
Stone, Ralph Bushnell . . . . .	<i>Otter River, Mass.</i> . . .	A. Δ. Φ. House.
Swett, Harry Gordon . . . . .	<i>Brunswick</i> . . . . .	9 Page St.
Walker, George Rowland . . . . .	<i>Portland</i> . . . . .	Δ K. E. House.
Watson, William Leavitt . . . . .	<i>Portland</i> . . . . .	Δ K. E. House.
Webb, Harold Randall . . . . .	<i>Brunswick</i> . . . . .	A. Δ. Φ. House.
Wing, William Ellery . . . . .	<i>N. Anson</i> . . . . .	15 M. H.

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Name	Residence	Room
Abbott, Edward Farrington . . . .	<i>Auburn</i> . . . . .	22 A. H.
Andrews, Ralph . . . . .	<i>Kennebunk</i> . . . . .	11 Potter St.
Barrows, Harris Clark . . . . .	<i>Augusta</i> . . . . .	28 W. H.
Bisbee, Robert Calvin . . . . .	<i>Bethel</i> . . . . .	B. Θ. Π. House.
Blanchard, Merrill . . . . .	<i>Maynard, Mass.</i> . . . .	B. Θ. Π. House.
Bradstreet, Joseph Sturgis . . . .	<i>Gardiner</i> . . . . .	Δ K. E. House.
Clifford, Philip Greely . . . . .	<i>Portland</i> . . . . .	16 M. H.
Coffin, Philip Owen . . . . .	<i>Brunswick</i> . . . . .	Coffin St.
Connors, Charles Patrick . . . . .	<i>Bangor</i> . . . . .	11 W. H.
Dana, Luther . . . . .	<i>Westbrook</i> . . . . .	22 A. H.
Dunlap, Edward Augustus, Jr. . . .	<i>Brunswick</i> . . . . .	27 Federal St.

## Students

Name	Residence	Room
Emery, Barton Comstock . . . .	<i>Saco</i> . . . . .	8 M. H.
Farley, Henry Garfield . . . . .	<i>Portland</i> . . . . .	6 W. H.
Farnsworth, George Bourne . . . .	<i>Bethel</i> . . . . .	27 A. H.
Fuller, Carl Spencer . . . . .	<i>Lewiston</i> . . . . .	6 M. H.
Gray, Samuel Braley . . . . .	<i>Oldtown</i> . . . . .	Δ. K. E. House.
Green, John Adolph . . . . .	<i>Coplin</i> . . . . .	6 M. H.
Harlow, John Alfred . . . . .	<i>Brewer</i> . . . . .	B. Θ. Π. House.
Harris, Philip Talbot . . . . .	<i>E. Machias</i> . . . . .	A. Δ. Φ. House.
Havey, Andy Percy . . . . .	<i>W. Sullivan</i> . . . . .	Δ. K. E. House.
Hellenbrand, Ralph Wellington . .	<i>Oldtown</i> . . . . .	Δ. K. E. House.
Holt, Albert Perry . . . . .	<i>N. Billerica, Mass.</i> . . . . .	A. Δ. Φ. House.
Houghton, William Morris . . . .	<i>Brunswick</i> . . . . .	264 Maine St.
Jones, Harris Allen . . . . .	<i>Portland</i> . . . . .	22 W. H.
Larrabee, Sydney Bartels . . . . .	<i>Portland</i> . . . . .	7 M. H.
Lawrence, Franklin . . . . .	<i>Portland</i> . . . . .	5 M. H.
Libby, George, Jr. . . . .	<i>Portland</i> . . . . .	27 M. H.
Marshall, Farnsworth Gross . . . .	<i>Portland</i> . . . . .	7 W. H.
Martin, Selden Osgood . . . . .	<i>Foxcroft</i> . . . . .	30 M. H.
McCormick, Donald Edward . . . .	<i>Boothbay Harbor</i> . . . . .	28 W. H.
Merrill, Edward Folsom . . . . .	<i>Skowhegan</i> . . . . .	31 M. H.
Mitchell, John Lincoln . . . . .	<i>Brunswick</i> . . . . .	22 W. H.
Moody, Edward Fairfield . . . . .	<i>Portland</i> . . . . .	20 A. H.
Moore, Ernest Linwood . . . . .	<i>Ellsworth</i> . . . . .	Δ. K. E. House.
Munro, Daniel Colon . . . . .	<i>Gardiner</i> . . . . .	10 W. H.
Nutter, Irving Wilson . . . . .	<i>Bangor</i> . . . . .	Δ. K. E. House.
Peabody, Henry Adams . . . . .	<i>Portland</i> . . . . .	24 M. H.
Perkins, James Blenn . . . . .	<i>Bath</i> . . . . .	10 W. H.
Perkins, Niles Lee . . . . .	<i>Weeks' Mills</i> . . . . .	7 W. H.
Phillips, Moses T. . . . .	<i>S. Brewer</i> . . . . .	B. Θ. Π. House.
Pierce, Grant . . . . .	<i>Fairfield Center</i> . . . . .	26 W. H.
Pratt, Harold Boswell . . . . .	<i>New York, N. Y.</i> . . . . .	11 M. H.
Preble, Paul . . . . .	<i>Auburn</i> . . . . .	14 M. H.
Ridlon, Joseph Randall . . . . .	<i>Gorham</i> . . . . .	30 W. H.
Riley, Thomas Harrison, Jr. . . . .	<i>Brunswick</i> . . . . .	46 Pleasant St.
Robinson, Clement Franklin . . . .	<i>Brunswick</i> . . . . .	214 Maine St.
Sabin, George Shaw . . . . .	<i>Portland</i> . . . . .	5 M. H.
Shaughnessy, Michael James . . . .	<i>Brockton, Mass.</i> . . . . .	27 W. H.
Shaw, Charles Carroll . . . . .	<i>Cumberland Center</i> . . . . .	6 W. H.
Simpson, Scott Clement Ward . . . .	<i>Portland</i> . . . . .	26 M. H.
Smith, Bertram Louis . . . . .	<i>Patten</i> . . . . .	Δ. K. E. House.

# Bowdoin College

Name	Residence	Room
Smith, Carl Williams . . . . .	<i>Portland</i> . . . . .	Δ. K. E. House.
Spollett, Frederick William . . . . .	<i>Brunswick</i> . . . . .	42 Federal St.
Stockman, Arthur Harris . . . . .	<i>Saco</i> . . . . .	6 M. H.
Stover, George Hinkley . . . . .	<i>Brunswick</i> . . . . .	49 Pleasant St.
Thompson, Herbert Ellery . . . . .	<i>Sebago Lake</i> . . . . .	15 W. H.
Towne, Frank Ernest . . . . .	<i>Kennebunkport</i> . . . . .	8 W. H.
Towne, Winfield Chester . . . . .	<i>Kennebunkport</i> . . . . .	8 W. H.
Viles, Blaine Spooner . . . . .	<i>Skowhegan</i> . . . . .	Δ. K. E. House.
Walker, Leon Valentine . . . . .	<i>Oxford</i> . . . . .	27 A. H.
Webber, Harrie Linwood . . . . .	<i>Lewiston</i> . . . . .	14 M. H.
Welch, Francis Joseph . . . . .	<i>Portland</i> . . . . .	25 A. H.
Wells, Theodore Walter . . . . .	<i>Portland</i> . . . . .	16 W. H.
White, Thomas Carter . . . . .	<i>Lewiston</i> . . . . .	A. Δ. Φ. House.
Whitmore, Leonard Cecil . . . . .	<i>Brunswick</i> . . . . .	63 Federal St.
Woodbury, Malcolm Sumner . . . . .	<i>Woodfords</i> . . . . .	28 A. H.

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## SOPHOMORES — Class of 1904

Name	Residence	Room
Allen, Perce Greeley . . . . .	<i>Brunswick</i> . . . . .	1 M. H.
Archibald, Bernard . . . . .	<i>Houlton</i> . . . . .	Δ. K. E. House.
Beane, Emery Oliver . . . . .	<i>Hallowell</i> . . . . .	8 M. H.
Beverage, Henry Eugene . . . . .	<i>Thomaston</i> . . . . .	25 A. H.
Bridgham, John Merrill . . . . .	<i>Dexter</i> . . . . .	Δ. K. E. House.
Brigham, Ernest Lord . . . . .	<i>Kennebunk</i> . . . . .	10 M. H.
Bryant, Myrton Andrew . . . . .	<i>Westbrook</i> . . . . .	32 A. H.
Burpee, George William . . . . .	<i>Houlton</i> . . . . .	7 A. H.
Byram, Frank Harold . . . . .	<i>Freeport</i> . . . . .	12 W. H.
Campbell, Gilman Hutchins . . . . .	<i>S. Portland</i> . . . . .	29 M. H.
Cass, Herbert Weymouth . . . . .	<i>Dover</i> . . . . .	6 Cleaveland St.
Chase, Millard Filmore . . . . .	<i>Brooks</i> . . . . .	9 A. H.
Chase, Thomas Emerson . . . . .	<i>Auburn</i> . . . . .	32 A. H.
Clark, Philip Maclean . . . . .	<i>Portland</i> . . . . .	24 M. H.
Coan, William Frederick . . . . .	<i>Auburn</i> . . . . .	A. Δ. Φ. House.
Cram, Marshall Perley . . . . .	<i>Brunswick</i> . . . . .	83 Federal St.
Cunningham, Theo. Woodinan . . . . .	<i>Bucksport</i> . . . . .	25 M. H.
Dana, Samuel Trask . . . . .	<i>Portland</i> . . . . .	17 M. H.
Dennison, Carroll Hobart . . . . .	<i>E. Machias</i> . . . . .	Elm House.
Emerson, Chester Burge . . . . .	<i>W. Alton, N. H.</i> . . . . .	13 W. H.
Everett, Harold Josselyn . . . . .	<i>Portland</i> . . . . .	26 M. H.

# Students

Name	Residence	Room
Fessenden, Philip James Perkins . . . . .	<i>Boston, Mass.</i> . . . . .	11 M. H.
Frost, John William . . . . .	<i>Topsham</i> . . . . .	Topsham.
Gould, Will Day . . . . .	<i>Kennebunkport</i> . . . . .	13 M. H.
Grant, Clyde Franklin . . . . .	<i>Fort Fairfield</i> . . . . .	8 A. H.
Griffin, Howard Cousens . . . . .	<i>Bangor</i> . . . . .	234 Maine St.
Haley, John Hubbard . . . . .	<i>Gardiner</i> . . . . .	23 M. H.
Harper, Chester Truman . . . . .	<i>Christiana, Pa.</i> . . . . .	6 Cleaveland St.
Hathaway, Eugene Pablo Durant . . . . .	<i>Wellesley, Mass.</i> . . . . .	9 W. H.
Hill, Galen Wentworth . . . . .	<i>Buxton</i> . . . . .	6 A. H.
Kennedy, Fred Chandler . . . . .	<i>Whitneyville</i> . . . . .	16 W. H.
Kimball, George Everett . . . . .	<i>Northeast Harbor</i> . . . . .	Δ. K. E. House.
Leatherbarrow, George Edward . . . . .	<i>Buxton Centre</i> . . . . .	6 A. H.
Lowell, Clifford Elmer . . . . .	<i>Westbrook</i> . . . . .	29 M. H.
Lunt, William Edward . . . . .	<i>Lisbon</i> . . . . .	30 M. H.
McCutcheon, Raymond John . . . . .	<i>Hallowell</i> . . . . .	3 M. H.
McRae, Merton Asa . . . . .	<i>Machias</i> . . . . .	32 A. H.
Martin, George Dudley . . . . .	<i>Camden</i> . . . . .	B. Θ. Π. House.
Mayo, Harold Elmon . . . . .	<i>Hampden Corner</i> . . . . .	B. Θ. Π. House.
Merryman, Alphonso Clyde . . . . .	<i>Freeport</i> . . . . .	12 W. H.
Mikelsky, Frank . . . . .	<i>Bath</i> . . . . .	8 A. H.
Oakes, Herbert Henry . . . . .	<i>Auburn</i> . . . . .	17 M. H.
Packard, Cyrus Franklin . . . . .	<i>Lewiston</i> . . . . .	A. Δ. Φ. House.
Palmer, Harry Lane . . . . .	<i>Revere</i> . . . . .	12 Page St.
Powers, Wallace Merton . . . . .	<i>Portland</i> . . . . .	27 M. H.
Purington, George Colby, Jr. . . . .	<i>Farmington</i> . . . . .	13 W. H.
Putnam, Fred Lysander . . . . .	<i>Houlton</i> . . . . .	Δ. K. E. House.
Roberts, Wilbur Garfield . . . . .	<i>Alfred</i> . . . . .	10 M. H.
Robinson, Harold Wood . . . . .	<i>Auburn</i> . . . . .	9 M. H.
Rowe, William Thomas . . . . .	<i>Portland</i> . . . . .	31 W. H.
Rundlett, Carl Waldron . . . . .	<i>S. Portland</i> . . . . .	B. Θ. Π. House.
Sargent, Fitz Edward . . . . .	<i>Falmouth Foreside</i> . . . . .	18 W. H.
Saunders, Harry Clayton . . . . .	<i>Portland</i> . . . . .	31 W. H.
Sawyer, Alfred Loomis . . . . .	<i>Fort Fairfield</i> . . . . .	8 A. H.
Sexton, Walter Howard . . . . .	<i>Billerica, Mass.</i> . . . . .	9 Page St.
Shorey, Arthur Carlton . . . . .	<i>Bath</i> . . . . .	31 A. H.
Small, Edward Durgin . . . . .	<i>Westbrook</i> . . . . .	6 A. H.
Smith, Ralph Stanley . . . . .	<i>Newburgh</i> . . . . .	26 W. H.
Spear, Austin Edward . . . . .	<i>Rockland</i> . . . . .	18 W. H.
Trott, Harold Charles . . . . .	<i>Portland</i> . . . . .	20 M. H.
Walker, Donald Stone . . . . .	<i>Liberty</i> . . . . .	9 A. H.

# Bowdoin College

Name	Residence	Room
Warren, Raymond Thomas . . . .	<i>Castine</i> . . . . .	18 Potter St.
Whitney, George Burgess . . . .	<i>Hudson, Mass.</i> . . . .	Elm House.
Wildes, Walter Keene . . . . .	<i>Skowhegan</i> . . . . .	12 A. H.

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## FRESHMEN — Class of 1905

Name	Residence	Room
Boody, Henry Phillips . . . . .	<i>Jackson</i> . . . . .	82 Federal St.
Bradford, Edward Wilde . . . . .	<i>Duxbury, Mass.</i> . . . .	9 School St.
Brett, John Hall . . . . .	<i>Gardiner</i> . . . . .	12 W. H.
Brimjoin, William Stephen . . . .	<i>Lisbon Falls</i> . . . . .	13 Pleasant St.
Burroughs, Ernest Henry Redding .	<i>Sanford</i> . . . . .	28 M. H.
Campbell, Morris O'Brien . . . .	<i>Cherryfield</i> . . . . .	11 A. H.
Chase, Stanley Perkins . . . . .	<i>Portland</i> . . . . .	13 A. H.
Clarke, James Arthur . . . . .	<i>Damariscotta Mills</i> . . . .	179 Park Row.
Cole, Herbert Francis . . . . .	<i>S. Portland</i> . . . . .	2 M. H.
Cook, Charles Bayley . . . . .	<i>Portland</i> . . . . .	24 W. H.
Cushing, Ralph Norwood . . . . .	<i>Thomaston</i> . . . . .	19 M. H.
Cushing, Walter Samuel . . . . .	<i>Skowhegan</i> . . . . .	14 A. H.
Damren, Kenneth Howard . . . . .	<i>Auburn</i> . . . . .	B. O. H. House.
Davis, Arthur Osman . . . . .	<i>Bridgton</i> . . . . .	234 Maine St.
Davis, Raymond . . . . .	<i>Portland</i> . . . . .	18 M. H.
Day, Frank . . . . .	<i>Trevett</i> . . . . .	32 W. H.
Donnell, Charles Joseph . . . . .	<i>Bath</i> . . . . .	18 M. H.
Eaton, Robert Knight . . . . .	<i>Brunswick</i> . . . . .	17 Federal St.
Finn, William Francis, Jr. . . . .	<i>Natick, Mass.</i> . . . . .	27 W. H.
Foster, George Adams . . . . .	<i>Bangor</i> . . . . .	234 Maine St.
Garcelon, Harold Webb . . . . .	<i>Lewiston</i> . . . . .	30 A. H.
Greene, Philip Kilborn . . . . .	<i>Bolster's Mills</i> . . . . .	1 M. H.
Haggett, Benjamin Stimpson . . . .	<i>Bath</i> . . . . .	29 W. H.
Hall, Robert Elwyn . . . . .	<i>Dover</i> . . . . .	22 M. H.
Hamilton, Everett Woodbury . . . .	<i>Cumberland Centre</i> . . . .	11 Pleasant St.
Harvey, Edwin LaForest . . . . .	<i>Bethel</i> . . . . .	26 A. H.
Henderson, Walton Thomas . . . . .	<i>Freeport</i> . . . . .	9 M. H.
Herms, Emil . . . . .	<i>Turner Centre</i> . . . . .	13 Mason St.
Hill, Herbert Staples . . . . .	<i>Westbrook</i> . . . . .	13 Pleasant St.
Houghton, Charles Andrew Johnson .	<i>Brunswick</i> . . . . .	264 Maine St.
Larrabee, Leon Sturtevant . . . . .	<i>Portland</i> . . . . .	7 M. H.
Lermond, Henry Alfred . . . . .	<i>Warren</i> . . . . .	82 Federal St.
Lewis, Harry . . . . .	<i>Gardiner</i> . . . . .	24 W. H.

# Students

Name	Residence	Room
McCobb, Arthur Lewis . . . . .	<i>Boothbay Harbor</i> . . . . .	24 W. H.
Mansfield, Harry Milton . . . . .	<i>Jonesport</i> . . . . .	2 M. H.
Marr, Harold Everett . . . . .	<i>Farmington</i> . . . . .	4 M. H.
Marston, James Philip . . . . .	<i>Hallowell</i> . . . . .	12 A. H.
Much, Ruper MacConnell . . . . .	<i>Bath</i> . . . . .	A. Δ. Φ. House.
Norton, Joseph French . . . . .	<i>Farmington</i> . . . . .	13 Everett St.
Norton, William John . . . . .	<i>Westbrook</i> . . . . .	13 Pleasant St.
Nutter, Harold Russell . . . . .	<i>Bangor</i> . . . . .	13 A. H.
Philoon, Wallace Copeland . . . . .	<i>Auburn</i> . . . . .	14 W. H.
Pierce, Leonard Augustus . . . . .	<i>Houlton</i> . . . . .	11 A. H.
Pinkham, Stephen Hodgdon . . . . .	<i>Trevett</i> . . . . .	32 W. H.
Piper, John Thomas . . . . .	<i>Portland</i> . . . . .	9 W. H.
Plummer, Carl Thomas . . . . .	<i>Bridgton</i> . . . . .	234 Maine St.
Priest, Ernest Rockwood . . . . .	<i>E. Vassalboro</i> . . . . .	234 Maine St.
Randall, Neal Dow . . . . .	<i>Freeport</i> . . . . .	Freeport.
Redlon, Nathan Carroll . . . . .	<i>Portland</i> . . . . .	20 A. H.
Richards, Thomas Lowell . . . . .	<i>Waldoboro</i> . . . . .	26 A. H.
Riley, John Winchell . . . . .	<i>Brunswick</i> . . . . .	46 Pleasant St.
Robbins, Paul Gould . . . . .	<i>Biddeford</i> . . . . .	3 M. H.
Robinson, Ralph Sylvester . . . . .	<i>Warren</i> . . . . .	82 Federal St.
Sanborn, Walter Martin . . . . .	<i>Augusta</i> . . . . .	10 W. H.
Seavey, Frank Elias . . . . .	<i>Lynn, Mass.</i> . . . . .	28 M. H.
Shorey, Archibald Thompson . . . . .	<i>Brunswick</i> . . . . .	12 Stetson St.
Stewart, Ralph Carroll . . . . .	<i>New Vineyard</i> . . . . .	4 M. H.
Stone, George Henry . . . . .	<i>Portland</i> . . . . .	23 A. H.
Symonds, Stuart Oakley . . . . .	<i>Portland</i> . . . . .	252 Maine St.
Tucker, George Everett . . . . .	<i>Hyde Park, Mass.</i> . . . . .	234 Maine St.
Webb, William Blaine . . . . .	<i>Skowhegan</i> . . . . .	17 Federal St.
White, Donald Cameron . . . . .	<i>Lewiston</i> . . . . .	A. Δ. Φ. House.
White, James Edward . . . . .	<i>Bridgton</i> . . . . .	B. Θ. Π. House.
Williams, James Albert . . . . .	<i>Topsham</i> . . . . .	9 Everett St.
Williams, Stanley . . . . .	<i>Portland</i> . . . . .	23 A. H.

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## SPECIAL STUDENTS

Name	Residence	Room
Bly, Edmund Knight . . . . .	<i>Bradford, Mass.</i> . . . . .	21 W. H.
Bradbury, Edward Joseph . . . . .	<i>Saco</i> . . . . .	22 M. H.
Denning, Ansel Cyrus . . . . .	<i>E. Poland</i> . . . . .	14 A. H.
Gould, Daniel Israel . . . . .	<i>Wolfboro, N. H.</i> . . . . .	A. Δ. Φ. House.



# Bowdoin College

Name	Residence	Room
Palmer, Fred Sanford . . . . .	<i>S. Brewer</i> . . . . .	B. O. II. House.
Paine, Roscoe Randall . . . . .	<i>Winslow</i> . . . . .	Δ. K. E. House.
Parent, Henry . . . . .	<i>Brunswick</i> . . . . .	69 Union St.
Soule, Alfred Morton Gilmore . . . . .	<i>Woolwich</i> . . . . .	31 M. H.
Wilson, Jesse Davis . . . . .	<i>Brunswick</i> . . . . .	10 High St.

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## MEDICAL STUDENTS

1900-1901

### FOURTH YEAR

On account of the recent change in the length of the Medical Course from three years to four, no fourth-year men will appear in the annual catalogue until 1903. The third-year class was the graduating class in June, 1901. No class will graduate in June, 1902.

### THIRD YEAR

Name	Residence
Andrews, Anson Morrill . . . . .	<i>Gray.</i>
Andrews, Sullivan Lane . . . . .	<i>W. Paris.</i>
Baker, Willie Harry . . . . .	<i>Portland.</i>
Brigham, Percy Herbert . . . . .	<i>Boston, Mass.</i>
Brown, Andrew Allen . . . . .	<i>S. W. Harbor.</i>
Clark, Eugene Botsford . . . . .	<i>Centerville, N. B.</i>
Coburn, William Bridgham . . . . .	<i>Sherman Mills.</i>
Cohan, Francis Henry . . . . .	<i>Marlboro, Mass.</i>
Conneen, Thomas Francis . . . . .	<i>Portland.</i>
Davis, Ansel Samuel . . . . .	<i>N. Waterboro.</i>
Donnell, Robert Harold . . . . .	<i>Bath.</i>
Gilbert, Frank Yuba . . . . .	<i>Orono.</i>
Hanlon, Orville Leon, A.B. . . . .	<i>Groveton, N. H.</i>
Hannigan, Robert Clarence, A.B. . . . .	<i>St. Stephens, N. B.</i>
Harkins, John Forest . . . . .	<i>Lewiston.</i>
Hathway, William Reginald Leonard . . . . .	<i>Garland.</i>
Haynes, Henry Willis . . . . .	<i>New York City.</i>
Higgins, Bruce Alvin . . . . .	<i>E. Corinth.</i>
Hopkins, Percival Orison . . . . .	<i>Frankfort.</i>
Hutchins, James Gilbert . . . . .	<i>Orland.</i>
Kendall, Clarence Fairbanks, A.B. . . . .	<i>Biddeford.</i>

# Students

Name	Residence
Larrabee, Herbert Manson . . . . .	<i>Portland.</i>
Leader, Richard Timothy . . . . .	<i>Lewiston.</i>
Leslie, Frank Elliot . . . . .	<i>Woburn, Mass.</i>
Long, Samuel Heber . . . . .	<i>Brockton, Mass.</i>
Lowe, James Marshall . . . . .	<i>Vinalhaven.</i>
Madden, Martin Crowell . . . . .	<i>Oldtown.</i>
Marston, Clarence Harold . . . . .	<i>W. Baldwin.</i>
McCarthy, Henry Thomas . . . . .	<i>Lewiston.</i>
Milliken, Herbert Eldridge . . . . .	<i>Surry.</i>
Mitchell, Frank Baxter . . . . .	<i>Norwich, Conn.</i>
Morelen, Alonzo William, A.B. . . . .	<i>Dresden Mills.</i>
Odiorne, Joseph Ernest . . . . .	<i>Richmond.</i>
Pelletier, Joseph John . . . . .	<i>Lewiston.</i>
Pennell, Edgar Llewellyn, A.B. . . . .	<i>Gray.</i>
Pingree, Harold Ashton . . . . .	<i>Portland.</i>
Price, Nelson Oswell . . . . .	<i>Havelock, N. B.</i>
Small, Norton Maxwell . . . . .	<i>Deer Isle.</i>
Thompson, Clarence Edgar . . . . .	<i>Portland.</i>
Tebbetts, Raymond Ritchie . . . . .	<i>E. Palermo.</i>
Tobey, Fred Chamberlain . . . . .	<i>Boston.</i>
Traynor, Joseph Paul . . . . .	<i>Biddeford.</i>
Wheeler, Fred Everett . . . . .	<i>W. Paris.</i>
Worthen, Charles Arthur . . . . .	<i>Haverhill.</i>

## SECOND YEAR

Name	Residence
Beane, Charles Eugene Hill, A.B. . . . .	<i>Hallowell.</i>
Bridgham, Charles Spiro . . . . .	<i>Sullivan Harbor.</i>
Gallagher, Michael Francis . . . . .	<i>Marlboro, Mass.</i>
Goss, Richard Albert . . . . .	<i>Lewiston.</i>
Grindle, J. Lowell . . . . .	<i>Mt. Desert.</i>
Haney, Oramel Elisha . . . . .	<i>Belfast.</i>
Hagerthy, Albert Bellathy . . . . .	<i>Bucksport.</i>
Hambleton, Marcus Philip . . . . .	<i>Brunswick.</i>
Hanscom, Edgar Ivory, A.B. . . . .	<i>Lebanon.</i>
Hills, Louis Lenville, A.B. . . . .	<i>Portland.</i>
Little, Stillman David . . . . .	<i>Milltown.</i>
Lord, Fred Clarence . . . . .	<i>Belgrade.</i>
Nevers, Harry Hill . . . . .	<i>Norway.</i>
Parker, Mason . . . . .	<i>Phillips.</i>

# Bowdoin College

Name	Residence
Russell, James Percy, A.B. . . . .	<i>Warren.</i>
Strout, Arthur Weston, A.B. . . . .	<i>Gardiner.</i>
Varney, Elton Murray . . . . .	<i>Brunswick.</i>
Weisman, Robert James . . . . .	<i>Lewiston.</i>
Wiley, Arthur Goodwin, A.B. . . . .	<i>Bethel.</i>

## FIRST YEAR

Name	Residence
Bibber, Harold Thurston . . . . .	<i>Bath.</i>
Call, Ernest Victor, A.B. . . . .	<i>Pittsfield.</i>
Cloudman, Harry Howard . . . . .	<i>S. Windham.</i>
Cragin, Charles Langmaid . . . . .	<i>Norway.</i>
Dyer, John Small . . . . .	<i>New Sharon.</i>
Furbish, Henry Dearbon, A.B. . . . .	<i>Hartland.</i>
Fuller, Edwin Motley, Jr. . . . .	<i>Bath.</i>
Hill, Paul Stanley . . . . .	<i>Saco.</i>
Howard, Roland Sewall . . . . .	<i>Farmington.</i>
Hutchins, William Parker . . . . .	<i>Oakland.</i>
Jones, Albert Mark, A.B. . . . .	<i>Pittsfield.</i>
Keene, Linwood Melrose . . . . .	<i>Northwood, N. H.</i>
Magune, Frank Leroy . . . . .	<i>Rockport.</i>
Marsh, Stanley Nay . . . . .	<i>Skowhegan.</i>
Marston, Elton John . . . . .	<i>Brunswick.</i>
McMillan, Archibald . . . . .	<i>Boston, Mass.</i>
Milliken, Harris James . . . . .	<i>Bangor.</i>
Moody, George Frederick Henry . . . . .	<i>E. Rochester, N. H.</i>
Nash, George Page . . . . .	<i>Lewiston.</i>
Pratt, George Loring . . . . .	<i>Strong.</i>
Simonton, Frank Forester, A.B. . . . .	<i>Ellsworth.</i>
Small, Harry Lester . . . . .	<i>Brunswick.</i>
Studley, George Willis Cole . . . . .	<i>S. Portland.</i>
Syphers, Leroy Scott . . . . .	<i>S. Portland.</i>
Tibbetts, Herman Kotschmar . . . . .	<i>Portland.</i>
Towle, Edwin Dudley . . . . .	<i>Boston.</i>
Walsh, Joseph . . . . .	<i>Augusta.</i>
Wyndham, Charles Arnold . . . . .	<i>Lisbon Falls.</i>

# Summary of Instructors and Students

## Summary of Instructors and Students

### INSTRUCTORS

ACADEMICAL FACULTY . . . . .	19
MEDICAL FACULTY . . . . .	19
	<hr/>
TOTAL . . . . .	38
NAMES COUNTED TWICE . . . . .	4
	<hr/>
TOTAL . . . . .	34

### STUDENTS

#### ACADEMICAL DEPARTMENT

SENIORS . . . . .	50
JUNIORS . . . . .	66
SOPHOMORES . . . . .	64
FRESHMEN . . . . .	65
SPECIAL STUDENTS . . . . .	9
	<hr/>
TOTAL . . . . .	254

#### MEDICAL SCHOOL

FOURTH YEAR . . . . .	—
THIRD YEAR . . . . .	44
SECOND YEAR . . . . .	19
FIRST YEAR . . . . .	28
	<hr/>
TOTAL . . . . .	91
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TOTAL . . . . .	345
NAMES COUNTED TWICE . . . . .	4
	<hr/>
TOTAL IN THE INSTITUTION . . . . .	341

# Bowdoin College

## Appointments and Awards

### COMMENCEMENT APPOINTMENTS, 1901

Sills, Kenneth Charles Morton

Bragg, Roland Everett

Vose, Harold Penniman

Cowan, Arthur Fenno

Walker, Harry Eaton

Danforth, Murray Snell

Wheeler, George Currier

Evans, Henry Darenydd

Whiting, Roscoe Everett

Larrabee, Austin Park

Wyman, John Howard

Lewis, George Lothrop

Yost, Clemens Andrew

Cowan, Fred Herbert

Gehring, Norman John

Dana, Ripley Lyman

Laferriere, Alfred Louis

Dascombe, Otho Lee

Pratt, George Loring

Fenley, Edward Trowbridge

Sanborn, Walter Lyman

Garcelon, Alonzo Herrick

Willey, Stanley Chandler

Gardner, George Redman

### CLASS OF 1868 PRIZE SPEAKING

#### Class of 1901

Cowan, Arthur Fenno

Sills, Kenneth Charles Morton

Danforth, Murray Snell

Wheeler, George Currier

Lewis, George Lothrop

Willey, Stanley Chandler

### JUNIOR PRIZE DECLAMATION

#### Class of 1902

Anthoine, Edward Swasey

Hamilton, Benjamin Pierce

Dole, Richard Bryant

Hayden, Benjamin Franklin

Eastman, Harold Benjamin

Sinkinson, John Hudson

Fogg, George Edwin

Stone, Ralph Bushnell

Gross, Daniel Irving

Walker, George Rowland

Haley, Eben Ricker

Webb, Harold Randall

# Appointments and Awards

## SOPHOMORE PRIZE DECLAMATION

### Class of 1903

Blanchard, Merrill	Simpson, Scott Clement Ward
Lawrence, Franklin	Smith, Bertram Louis
Marshall, Farnsworth Gross	Stover, George Hinkley
Pratt, Harold Boswell	Walker, Leon Valentine
Robinson, Clement Franklin	Webber, Harrie Linwood
Shaw, Charles Carroll	White, Thomas Carter

## AWARDS IN 1901

GOODWIN PRIZE. Kenneth Charles Morton Sills.

CLASS OF 1868 PRIZE. Kenneth Charles Morton Sills.

ENGLISH COMPOSITION PRIZES. Henry Darenydd Evans, Harry Eaton Walker, first prizes ; George Lothrop Lewis, Kenneth Charles Morton Sills, second prizes.

PRAY ENGLISH PRIZE. Kenneth Charles Morton Sills.

BROWN PRIZES FOR EXTEMPORANEOUS COMPOSITION. Kenneth Charles Morton Sills, first prize ; Donald Francis Snow, second prize.

JUNIOR DECLAMATION PRIZES. John Hudson Sinkinson, first prize ; Eben Ricker Haley, second prize.

SOPHOMORE DECLAMATION PRIZES. Harrie Linwood Webber, first prize ; George Hinkley Stover, second prize.

SEWALL LATIN PRIZE. Scott Clement Ward Simpson.

SEWALL GREEK PRIZE. Leon Valentine Walker, Scott Clement Ward Simpson.

GOODWIN FRENCH PRIZE. Marshall Perley Cram.

NOYES POLITICAL ECONOMY PRIZE. Henry Darenydd Evans.

SMYTH MATHEMATICAL PRIZE. Ralph Bushnell Stone, Farnsworth Gross Marshall.

BROWN MEMORIAL SCHOLARSHIPS. Kenneth Charles Morton Sills, Class of 1901 ; George Rowland Walker, Class of 1902 ; Scott Clement Ward Simpson, Class of 1903 ; Samuel Trask Dana, Class of 1904.

MEDICAL SCHOOL: HONOR MEN (in order of their standing). Clarence Edgar Thompson ; Herbert Eldridge Milliken ; Frank Elliot Leslie ; Anson Merrill Andrews.

# Bowdoin College

## Degrees Conferred in 1901. — Degrees in Course

### BACHELOR OF ARTS

Atherton, David Frank	Leighton, Edward Kavanagh
Berry, Harold Lee	Lewis, George Lothrop
Bodwell, Royal Henry	Martelle, Henry Augustus
Bowler, Thomas William	Milliken, Harris James
Bradbury, Gibeon Elden	Palmer, Artelle Elisha
Bragg, Roland Everett	Parker, Gardner Merrill, Jr.
Clark, Roland Eugene	Pierce, John Alexander
Cloudman, Harry Howard	Pratt, George Loring
Coombs, Harry Stevens	Quinn, Hugh Francis
Corliss, John Arthur	Randall, Thomas Cummings
Cowan, Arthur Fenno	Rumery, Clarence Byron
Cowan, Fred Herbert	Sanborn, Walter Lyman
Dana, Ripley Lyman	Sills, Kenneth Charles Morton
Danforth, Murray Snell	Small, Arthur Lawrence
Dascombe, Otho Lee	Smith, Ernest Thomas
Dillaway, Frank Alexander	Stewart, Herbert Duncan
Evans, Henry Darenydd	Storer, Rufus York
Fenley, Edward Trowbridge	Swett, Herbert Lindsey
Flint, Clarence Blake	Tyler, Lester Dean
Foster, Robert Chapman	Vose, Harold Penniman
Fuller, Edwin Motley, Jr.	Walker, Harry Eaton
Garcelon, Alonso Herrick	Warren, William Moncena
Gardner, George Redman	Wheeler, George Currier
Gehring, Norman John	White, John Humphrey
Gregson, John, Jr.	Whiting, Roscoe Everett
Hill, Paul Stanley	Willey, Stanley Chandler
Johnston, William Alden	Wyman, John Howard
Laferriere, Alfred Louis	Yost, Clemens Andrew
Larrabee, Austin Park	

### BACHELOR OF SCIENCE

Donald Francis Snow



# Honorary Degrees

## DOCTOR OF MEDICINE

Andrews, Anson Morrill	Kendall, Clarence Fairbanks, A.B.
Andrews, Sullivan Lane	Larrabee, Herbert Manson
Baker, Willie Harry	Leslie, Frank Elliot
Brigham, Percy Herbert	Lowe, James Marshall
Brown, Andrew Allen	Madden, Martin Crowell
Clark, Eugene Botsford	Marston, Clarence Harold
Coburn, William Bridgham	McCarthy, Henry Thomas
Cohan, Francis Henry	Milliken, Herbert Eldridge
Conneen, Thomas Francis	Mitchell, Frank Baxter
Davis, Ansel Samuel	Odiorne, Joseph Ernest, A.B.
Donnell, Robert Harold	Pelletier, Joseph John
Gilbert, Frank Yuba	Pennell, Edgar Llewellyn, A.B.
Hanlon, Orville Leon, A.B.	Pingree, Harold Ashton
Hannigan, Robert Clarence, A.B.	Price, Nelson Oswell
Harkins, John Forest	Small, Norton Maxwell
Hathway, Wm. Reginald Leonard	Tebbitts, Raymond Ritchie
Haynes, Henry Willis	Thompson, Clarence Edgar
Higgins, Bruce Alvin	Tobey, Fred Chamberlain
Hopkins, Percival Orison	Traynor, Joseph Paul
Hutchins, James Gilbert	Wheeler, Fred Everett

## MASTER OF ARTS

Frank Russell Arnold (1893)

# Honorary Degrees

## MASTER OF ARTS

Charles Davis Jameson (1876)      Henry Asa Wing (1880)

## DOCTOR OF LETTERS

Sarah Orne Jewett

## DOCTOR OF LAWS

Paris Gibson (1851)      Alpheus Spring Packard (1861)  
William Drew Washburn (1854)



BOWDOIN COLLEGE



## FACULTY

WILLIAM DEWITT HYDE, D.D., LL.D., PRESIDENT, *and Professor of Mental and Moral Philosophy.*

HENRY LELAND CHAPMAN, D.D., *Professor of English Literature.*

LESLIE ALEXANDER LEE, PH.D., *Professor of Geology and Biology.*

FRANKLIN CLEMENT ROBINSON, A.M., *Professor of Chemistry and Mineralogy.*

WILLIAM ADDISON HOUGHTON, A.M., *Professor of Latin.*

HENRY JOHNSON, PH.D., *Professor of Romance Languages.*

FRANK EDWARD WOODRUFF, A.M., *Professor of Greek.*

GEORGE THOMAS LITTLE, LITT.D., *Librarian.*

WILLIAM ALBION MOODY, A.M., RECORDER, *and Professor of Mathematics.*

CHARLES CLIFFORD HUTCHINS, A.M., *Professor of Physics.*

FRANK NATHANIEL WHITTIER, M.D., *Director of the Gymnasium, and Lecturer on Hygiene.*

GEORGE TAYLOR FILES, PH.D., REGISTRAR, *and Professor of German.*

WILMOT BROOKINGS MITCHELL, A.B., *Professor of Rhetoric and Oratory.*

GUY STEVENS CALLENDER, PH.D., *Professor of Political Economy and Sociology.*

ALGERNON SIDNEY DYER, A.M., *Instructor in the Classics and English.*

ALFRED LEWIS PINNEO DENNIS, PH.D., *Professor of History and Political Science.*

ROSCOE JAMES HAM, A.B., *Instructor in Modern Languages.*

HENRY DARENYDD EVANS, A.B., *Assistant in Chemistry.*

AUSTIN PARK LARRABEE, A.B., *Assistant in Biology.*

# Bowdoin College

## Committees of the Faculty

CLASS OFFICERS. — *Senior*, Professor Chapman; *Junior*, Professor Lee; *Sophomore*, Professor Files; *Freshman*, Professor Moody.

RECORDING. — Professor Files, *Chairman*; Professor Moody.

ADMISSION TO ADVANCED STANDING. — Professor Lee, *Chairman*; Professor Callender.

LIBRARY. — Mr. Little, *Chairman*; Professors Chapman and Johnson.

PUBLIC EXERCISES. — Professor Robinson, *Chairman*; Professor Lee and Mr. Little.

MUSIC. — Professor Woodruff, *Chairman*; Professors Hutchins and Chapman.

REGISTRATION. — Professor Mitchell, *Chairman*; Dr. Whittier.

RELATIONS WITH PREPARATORY SCHOOLS. — Professor Robinson, *Chairman*; Professors Johnson and Houghton.

ADVISORY COMMITTEE ON ATHLETICS. — Dr. Whittier, *Chairman*; Professor Moody.

## ADMISSION TO THE COLLEGE

### Requirements for Admission

Candidates for admission to the Freshman Class are examined in the following subjects:

#### ENGLISH

##### I. ENGLISH GRAMMAR AND COMPOSITION.

II. READING AND PRACTICE. The candidate will be required to present evidence of a general knowledge of the subject-matter of the books mentioned, and to answer simple questions on the lives of their authors. The examination will usually be the writing of a paragraph or two on each of several topics set in the paper given the candidate. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book,

## Requirements for Admission

properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books. The books for this part of the examination will be :

For 1902 — Shakespeare's "Merchant of Venice;" Pope's "Iliad," Books I, VI, XXII, and XXIV; the Sir Roger de Coverley Papers in the "Spectator;" Goldsmith's "Vicar of Wakefield;" Coleridge's "Ancient Mariner;" Scott's "Ivanhoe;" Cooper's "Last of the Mohicans;" Tennyson's "Princess;" Lowell's "Vision of Sir Launfal;" George Eliot's "Silas Marner."

For 1903, 1904, and 1905 — Shakespeare's "Merchant of Venice" and "Julius Cæsar;" the Sir Roger de Coverley Papers in the "Spectator;" Goldsmith's "Vicar of Wakefield;" Coleridge's "Ancient Mariner;" Scott's "Ivanhoe;" Carlyle's "Essay on Burns;" Tennyson's "Princess;" Lowell's "Vision of Sir Launfal;" George Eliot's "Silas Marner."

In preparation for this part of the requirement, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

III. STUDY AND PRACTICE. This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure; and will also test the candidate's ability to express his knowledge with clearness and accuracy. The books for this part of the examination will be :

For 1902 and 1903 — Shakespeare's "Macbeth;" Milton's "Lycidas," "Comus," "L'Allegro," and "Il Penseroso;" Burke's "Speech on Conciliation with America;" Macaulay's "Essays on Milton and Addison."

In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

## MATHEMATICS

I. ALGEBRA. The requirement in Algebra embraces the following topics: All elementary processes necessary for the solution of simultaneous equations of the first degree; the statement and solution of problems leading to these equations; treatment of inequalities; doctrine of square and cube root; theory of exponents; radicals and



## Bowdoin College

imaginaries; solution of quadratics and equations in quadratic form by the method of completing the square, by factoring, and by a formula; discussion of the properties of quadratics; quadratics containing two unknown quantities, and the solution of problems leading thereto; ratio and proportion; arithmetical and geometric progressions; binomial theorem for positive integral exponents.

II. PLANE GEOMETRY. The requirement in Plane Geometry includes the theorems and exercises of the ordinary school text-book; mensuration of plane figures; and numerical problems based on the text. The candidate should be able to write formal demonstrations of simple original theorems.

### LATIN

I. PRELIMINARY LATIN. The Preliminary Examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts:

(a) The translation at sight of simple Latin prose and verse.

(b) A thorough examination on Cicero's second, third, and fourth speeches against Catiline, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Latin prose, involving the use of such words, constructions, and idioms only, as occur in the speeches prescribed.

II. FINAL LATIN. The Final Examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *four* school years. It will consist of two parts:

(a) The translation at sight of passages of Latin prose and verse, with questions on ordinary forms, constructions, and idioms, and on prosody.

(b) The translation into Latin prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Latin prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

III. OUTLINES OF ROMAN HISTORY AND GEOGRAPHY.

# Requirements for Admission

## GREEK

I. PRELIMINARY GREEK. The Preliminary Examination will be adapted to the proficiency of those who, in addition to the course defined as suitable preparation for the Preliminary Examination in Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *two* school years. It will consist of two parts:

(a) The translation at sight of passages of simple Attic prose.

(b) A thorough examination on Xenophon's "Anabasis," Book II, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Attic prose, involving the use of such words, constructions, and idioms only, as occur in the portion of Xenophon prescribed.

II. FINAL GREEK. The Final Examination will be adapted to the proficiency of those who, in addition to the course defined as a suitable preparation for the Final Examination in Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts:

(a) The translation at sight of passages of Attic prose and of Homer, with questions on ordinary forms, constructions, and idioms, and on prosody.

(b) The translation into Attic prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Greek prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

## III. OUTLINES OF GREEK HISTORY AND GEOGRAPHY.

NOTE. The chief aim of the examinations in Latin and Greek, which are approved by the Commission of Colleges in New England on Admission Examinations, is to test the candidate's proficiency in Latin and Greek grammar, translation at sight, and Latin and Greek composition. It is not expected that more time or a materially larger amount of reading than formerly will be needed for such preparation. It is hoped, however, that better results may be reached through improved methods of instruction, directed to these more definite ends.

# Bowdoin College

## ADMISSION WITHOUT GREEK

Candidates who do not offer Greek for admission are required to offer, in place of it, one of the following four subjects or groups of subjects :

I. FRENCH. (1) Elements of French Grammar as represented, for example, by Fraser and Squair's "French Grammar and Reader," pages 1 to 220. (2) French Prose Composition as represented, for example, by Composition Exercises on pages 439 to 460 of Fraser and Squair's "Grammar." (3) Ability to read at sight ordinary French prose or simple poetry. Those desiring guidance in the selection of suitable texts will find helpful the list given in Section XI, Report of the Committee of Twelve of the Modern Language Association of America, United States Bureau of Education. (4) Ability to write simple French sentences from dictation.

II. GERMAN. (1) Elements of German Grammar as represented, for example, by Harris's "German Lessons," or by Part I of Joynes-Meissner or Thomas's "German Grammar." (2) German Prose Composition as represented, for example, by Harris's "German Prose Composition," pages 10 to 50. (3) Ability to read at sight ordinary German prose or simple poetry. Those desiring guidance in the selection of suitable texts will find helpful the list given in Section VIII, Report of the Committee of Twelve of the Modern Language Association of America, United States Bureau of Education. (4) Ability to render simple English sentences into idiomatic German.

III. (A.) CHEMISTRY. (1) General chemistry as represented by Remsen's "Introduction to Chemistry" or Storer and Lindsay's "Elementary Chemistry." (2) Elementary qualitative analysis for bases and acids. Candidates must present note-books, certified by their instructors, in which are the results of their own experiments; and not less than one-half of the time spent upon chemistry must have been given to laboratory work. A part of the examination will consist of the analysis of a substance in the laboratory.

(B.) MATHEMATICS. (1) Algebra. The following subjects or their equivalents: Indeterminate equations, undetermined coefficients, binomial theorem, theory of limits, logarithmic series, solution of equations by synthetic division with necessary theorems, and graphs

## Requirements for Admission

of quantics, with rational, or with not more than two irrational or imaginary roots. (2) Solid Geometry as represented by the ordinary college text-books. Candidates must readily solve problems of solid mensuration and demonstrate original theorems which may be easily deduced from the text. (3) Plane Trigonometry as represented by the usual text-books. Candidates must be familiar with the theory and use of six-place logarithmic tables.

IV. (A.) PHYSICS. Physics as represented by Gage's "Elements of Physics" or other text-book of equal grade. Candidates must be able to solve numerical examples under the various sections; must have performed forty experiments from Hall and Bergen's text-book, and have kept a note-book containing a written description in their own language of their experiments, with all their calculations. These note-books must be certified by their instructors and presented at the examination.

(B.) MATHEMATICS, as in Group III.

### ENTRANCE EXAMINATIONS

The regular examinations for admission to college will be held in Massachusetts Hall, in Brunswick, on Friday and Saturday, June 27 and 28, 1902, and on Monday, Tuesday, and Wednesday, September 22, 23, and 24, 1902. At the examinations in June, attendance is required at 8 A. M. on Friday. At the examinations in September, attendance is required at 8.30 A. M. on Monday. The examinations are chiefly in writing.

EXAMINATIONS AT PREPARATORY SCHOOLS. Printed examination papers in certain of the subjects required for admission to college will be furnished to the principal of any high school or academy of good standing, having a regular college preparatory course of not less than three years in length, for the use of such of his students as propose to join the next Freshman class at Bowdoin. In exceptional cases, the conduct of the examinations may, on the recommendation of the principal, be entrusted to some other person approved by the Faculty.

The following are the subjects in which papers will be sent: 1, English; 2, Preliminary Greek; 3, Final Greek; 4, Preliminary Latin; 5, Final Latin (two papers); 6, Algebra; 7, Plane Geometry.

On each of the above subjects, except Final Latin, one paper is

## Bowdoin College

sent. In Final Latin there are two papers (Parts I and II), the second of which includes Latin Composition and Roman History and Geography. Questions in Greek History and Geography are included in the final paper in Greek.

No papers will be sent in either French, German, Advanced Mathematics, Chemistry, or Physics. The entrance examinations in these subjects can be taken only at Brunswick.

In holding entrance examinations elsewhere than in Brunswick, the following regulations are to be observed :

1. Papers are sent only in June. The dates for holding the examinations this year are June 13 and 14. *Under no circumstances can papers be sent at any other dates.*

2. Applications for papers, addressed to the Registrar, must be received *not later than June 7*, and should state the name of the school, the subjects in which papers are desired, and the number of students to be examined in each subject.

3. Printed examination papers, together with the requisite number of blue-books, will be sent to the principal by express, prepaid, in time for the examination. On the completion of the examination, the books are to be returned at once by express, C. O. D.

4. The examinations are to be conducted by the principal in conformity with a schedule of hours fixed by the college. Copies of the schedule can ordinarily be obtained by May 15, on application to the Registrar.

Examinations are also held at Thornton Academy, Saco ; at Washington Academy, East Machias ; at Fryeburg Academy ; and at Lincoln Academy, Newcastle, these schools having been made special fitting schools for the college by the action of their several Boards of Trustees, in concurrence with the Boards of Trustees and Overseers of the college.

The entrance examinations may, if the candidate prefers, be divided between two or more successive years, or between June and September of the same year. In that case a certificate will be given for such subjects as are passed at each examination.

A report of the results of the examinations, whether at Brunswick or elsewhere, is made to the principal, and also to the candidate, within one week after Commencement.

# Requirements for Admission

## ADVANCED STANDING

Candidates for admission to the Sophomore, Junior, and Senior classes, who do not present certificates from other colleges, are examined in the studies already pursued by the class which they wish to enter, equivalents being accepted for the books and authors studied by the class. No one is admitted to the Senior Class after the beginning of the second term. Applications for admission to advanced standing should be addressed to the Chairman of the Committee on Admission to Advanced Standing (see p. 36).

## TESTIMONIALS AND CERTIFICATES

Testimonials of good moral character must in all cases be presented before tickets of admission are granted. A testimonial is preferred from the teacher under whom the preparatory course was completed. A student from another college, before he can be admitted, must present a certificate of honorable dismissal.

## BOND

A bond for two hundred dollars, with satisfactory sureties, must be filed with the Treasurer by every student on his admission to college, as security for the payment of his term bills and any other charges that may arise under the college laws. A blank form for this purpose will be given with the ticket of admission.

## SPECIAL STUDENTS

Persons who give evidence of maturity, earnestness of purpose, and adequate preparation, will be allowed to pursue special studies in connection with the regular classes, without becoming matriculated members of the college. Applications for admission as special students should be addressed to the Chairman of the Committee on Admission to Advanced Standing (see p. 36).



# Bowdoin College

## Courses of Instruction

### GREEK

PROFESSOR WOODRUFF ; MR. DYER

A. White's "First Greek Book." First term : Monday, Tuesday, Thursday, Friday, 3.

B. Xenophon's "Anabasis," with exercises in writing Greek. Second term : Monday, Tuesday, Thursday, Friday, 3.

C. Homer. Third term : Monday, Tuesday, Thursday, Friday, 3.  
MR. DYER.

Courses A, B, and C are required of Freshmen, Classes II, III, IV, and V. They will be omitted in any year when there are less than three applicants.

1. Morgan's "Eight Orations of Lysias," with weekly exercises in translating into Greek. First term : Div. A, Monday, Tuesday, Friday, 2. Div. B, Monday, Tuesday, Friday, 3.

2. Selected portions of the "Odyssey." Second term : Div. A, Monday, Tuesday, Friday, 2. Div. B, Monday, Tuesday, Friday, 3.

3. The Gospel of Mark, with essays on New Testament topics. Third term : Div. A, Monday, Tuesday, Friday, 2 ; Div. B, Monday, Tuesday, Friday, 3.

PROFESSOR WOODRUFF and MR. DYER.

Courses 1, 2, and 3 are required of Freshmen, Class I, and of Sophomores, Classes II, III, IV, and V.

4. Euripides's "Iphigenia in Tauris," with study of the origin of the Greek drama, and the construction and usages of the Greek theatre ; in alternation with Herodotus. First term : Monday, Tuesday, Wednesday, 11.30.

5. The "Antigone" of Sophocles ; in alternation with Thucydides. Second term : Monday, Tuesday, Wednesday, 11.30.

6. "The Frogs" of Aristophanes ; in alternation with Plato. Third term : Monday, Tuesday, Wednesday, 11.

PROFESSOR WOODRUFF.

Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3. Either course may be taken in two successive years.



## Courses of Instruction

7. Selected dialogues of Plato ; in alternation with the Lyric Poets. First term : Wednesday, Thursday, 3 ; Friday, 11.30.

8. Selected tragedies ; in alternation with Demosthenes. Second term : Wednesday, Thursday, 3 ; Friday, 11.30.

9. Selected plays of Aristophanes ; in alternation with Lucian. Third term : Wednesday, Thursday, 3 ; Friday, 11.30.

PROFESSOR WOODRUFF.

Courses 7, 8, and 9 are elective for those who have taken Courses 4, 5, and 6. Either course may be taken in two successive years.

10. Teachers' Course. Designed for those who expect to teach Greek. The course includes a review of the fundamentals of Greek grammar, study of selected portions of Xenophon and Homer, and discussion of text-books and methods of teaching. Third term : Wednesday, Thursday, Friday, 4.

PROFESSOR WOODRUFF.

Course 10 is elective for Seniors, and for Juniors in special cases.

## LATIN

PROFESSOR HOUGHTON ; MR. DYER

1. Livy : Selections from Books I, XXI, and XXII. History of the Punic Wars. Latin composition. First term : Div. A, Wednesday, Friday, 10.30 ; Saturday, 8.30. Div. B, Wednesday, Friday, 8.30 ; Saturday, 10.30.

2. Horace : Odes and Epodes. Bender's "History of Roman Literature." Biographical, historical, and mythological studies, with themes and exercises. Second term : Div. A, Wednesday, Friday, 10.30 ; Saturday, 8.30. Div. B, Wednesday, Friday, 8.30 ; Saturday, 10.30.

3. Selections from various authors in prose and verse. Sight reading. Latin composition. Third term : Div. A, Wednesday, Friday, 10 ; Saturday, 8. Div. B, Wednesday, Friday, 8 ; Saturday, 10.

PROFESSOR HOUGHTON and MR. DYER.

Courses 1, 2, and 3 are required of all Freshmen. The work in composition and historical, biographical, and mythological study is conducted by Mr. Dyer, who meets the students in small groups.

## Bowdoin College

4. Roman Comedy: Plautus and Terence. Idiomatic rendering of the colloquial language and metrical reading of the original. First term: Tuesday, Wednesday, Friday, Saturday, 9.30.

5. Roman Satire: Horace, Persius, and Juvenal. The private life of the Romans and the social conditions of the first century of the Empire. Second term: Tuesday, Wednesday, Friday, Saturday, 9.30.

6. Cicero's Letters (Abbott). The history of the last twenty years of the Republic. Third term: Tuesday, Wednesday, Friday, Saturday, 9.  
PROFESSOR HOUGHTON.

Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3.

[7. Seneca: Dialogues and Moral Epistles. A considerable amount of text is covered by rapid reading, with special attention to pronunciation and to direct apprehension of the meaning without translation. Assignments are given for private reading. First term.] Omitted in 1901-1902.

[8. Tacitus: Annals (I-VI), and Suetonius (Augustus and Tiberius). Second term.] Omitted in 1901-1902.

[9. Lucretius. Third term.] Omitted in 1901-1902.

10. Cicero de Oratore. Latin writing. First term: Wednesday, Thursday, Friday, 4.

11. Roman Elegiac Poetry: Tibullus, Propertius, and Ovid. Second term: Wednesday, Thursday, Friday, 4.

12. Roman Epics. Third term: Wednesday, Thursday, Friday, 4.

PROFESSOR HOUGHTON.

Courses 7, 8, 9, 10, 11, and 12 are similar in scope and method. They are elective for Juniors and Seniors who have taken Courses 4, 5, and 6, and for others in special cases.

13. Teachers' Course. Designed for those who expect to teach Latin. Methods and aims of classical study. Preparatory authors treated from the teacher's point of view. Second term: Wednesday, Thursday, Friday, 5.

PROFESSOR HOUGHTON.

Course 11 is elective for Seniors, and for Juniors in special cases.

# Courses of Instruction

## FRENCH

PROFESSOR JOHNSON; MR. HAM

1. Fraser and Squair's "French Grammar." Modern Prose. Writing from dictation. First term: Div. A, Monday, Tuesday, Thursday, Saturday, 9.30. Div. B, Monday, Tuesday, Thursday, Saturday, 8.30.

2. Modern Prose and Prose Composition. Dictations. One hundred and fifty pages of outside reading in assigned French texts. Second term: Div. A, Monday, Tuesday, Thursday, Saturday, 9.30. Div. B, Monday, Tuesday, Thursday, Saturday, 8.30.

3. Modern Prose and Prose Composition. Dictations. One hundred and fifty pages of outside reading in assigned French texts. Third term: Div. A, Monday, Tuesday, Thursday, Saturday, 9. Div. B, Monday, Tuesday, Thursday, Saturday, 8.

PROFESSOR JOHNSON.

Courses 1, 2, and 3 are required of all students who do not offer French for admission to college.

4. Literature of the Nineteenth Century. Continuation of French 3 in the study of, principally, Chateaubriand, Lamartine, Mignet, Balzac, Hugo, Ste.-Beuve and Taine. Fasnacht's "Select Specimens." Required outside reading, reported upon in written analyses, of works by Lamartine, Michelet, Ségur, and Sarcey. Weekly exercises in composition in Courses 4, 5, and 6 in charge of Mr. Ham: Fasnacht's "Lessons for Middle Forms." First term: Monday, Tuesday, Thursday, 10.30.

5. Literature of the late Seventeenth and of the Eighteenth Centuries. The study of Boileau, La Bruyère, Bossuet, Fénelon, and, principally, Montesquieu, Voltaire, Beaumarchais, and Mirabeau. Required outside reading, reported upon in written analyses: Boileau, "L'Art Poétique;" Bossuet, "Selected Funeral Orations;" Le Sage, "Gil Blas" (ed. Cohn and Sanderson); Montesquieu, "Lettres Persanes;" Voltaire, "Zadig," "Zaïre;" Beaumarchais, "Le Mariage de Figaro." Second term: Monday, Tuesday, Thursday, 10.30.

6. Literature of the Seventeenth Century. Reading, and criticism in the class-room, of Corneille, Pascal, La Rochefoucauld, Molière, La Fontaine, Mme. de Sévigné, and Racine. Required outside reading, reported upon in written analyses: Corneille, "Le Cid,"

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"Horace;" Molière, "Les Précieuses Ridicules," "Le Misanthrope," "L'Avare," "Tartufe," "Le Bourgeois-Gentilhomme;" Racine, "Iphigénie," "Phèdre," "Esther," "Athalie." Third term: Monday, Tuesday, Thursday, 10. PROFESSOR JOHNSON and MR. HAM.

Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3, or an equivalent.

7. Drama of the Nineteenth Century. Lectures, reading, summaries of plays, and one theme. Composition once a week. First term: Tuesday, Thursday, Friday, 11.30.

8. Continuation of Course 7. Second term: Tuesday, Thursday, Friday, 11.30.

9. Continuation of Course 8. Third term: Tuesday, Thursday, Friday, 11. MR. HAM.

Courses 7, 8, and 9 are elective for Juniors and Seniors who have taken Courses 1 to 6, or an equivalent.

## GERMAN

PROFESSOR FILES; MR. HAM

1. Elementary Course. Grammar. Translation from German into English, and exercises in translating into German. First term: Div. C, Monday, Tuesday, Thursday, Friday, 3. Div. D, Monday, Tuesday, Thursday, Friday, 2.

2. Elementary Course. Translation of modern German prose and reading at sight. Grammar. Prose composition. Second term: Div. C, Monday, Tuesday, Thursday, Friday, 3. Div. D, Monday, Tuesday, Thursday, Friday, 2.

3. Elementary Course. Translation of modern German prose and poetry. Reading at sight. Prose composition. Third term: Div. C, Monday, Tuesday, Thursday, Friday, 3. Div. D, Monday, Tuesday, Thursday, Friday, 2. PROFESSOR FILES and MR. HAM.

Courses 1, 2, and 3 are required of Freshmen, Classes III, VII, VIII, and IX, and of Sophomores, Classes I, IV, and V.

4. Intermediate Prose Composition. Drama of the Classic Period. Prose composition, alternating with reading. Harris's "Prose Composition;" Lessing's "Minna von Barnhelm." Sight reading from texts assigned. First term: Tuesday, 10.30; Thursday, Saturday, 9.30.

## Courses of Instruction

5. Intermediate Prose Composition. Drama of the Classic Period. Continuation of Course 4. In place of Lessing, Schiller's "Wilhelm Tell." Sight reading from texts assigned. Second term: Tuesday, 10.30; Thursday, Saturday, 9.30.

6. Intermediate Prose Composition. Lyrics and Ballads. Continuation of Courses 4 and 5. Von Klenze's "Deutsche Gedichte;" Harris's "Goethe's Poems." Sight reading. Third term: Tuesday, 10; Thursday, Saturday, 9. PROFESSOR FILES.

Courses 4, 5, and 6 are elective for Juniors and Seniors, and for Sophomores, Classes III, VI, VII, VIII, and IX. They are intended primarily for students who wish to pursue the study of German for three years.

7. Nineteenth Century Prose. Fiction, history, and science. Grammar and composition once a week. First term: Tuesday, 10.30; Thursday, Saturday, 9.30.

8. Continuation of Course 7. Second term: Tuesday, 10.30; Thursday, Saturday, 9.30.

9. Continuation of Course 8. Third term: Tuesday, 10; Thursday, Saturday, 9. MR. HAM.

Courses 7, 8, and 9 are given parallel with Courses 4, 5, and 6 and at the same hours; they are designed to give abundant practice in reading the language. They are elective for Juniors and Seniors, and for Sophomores, Classes III, VI, VII, VIII, and IX.

10. Advanced Prose Composition and Seminar. Practice in writing connected discourse in German. Rapid reading of modern German novels and dramas, without translating. Lectures and themes in German. Conversation. First term: Monday, Thursday, Saturday, 11.30.

11. Advanced Prose Composition and Seminar. Continuation of Course 10. Second term: Monday, Thursday, Saturday, 11.30.

12. Advanced Prose Composition and Seminar. Continuation of Courses 10 and 11. Third term: Monday, Thursday, Saturday, 11.

PROFESSOR FILES.

Courses 10, 11, and 12 are elective for Seniors and Juniors who have taken Courses 1, 2, and 3 (or an equivalent) and 4, 5, and 6.

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## SPANISH

MR. HAM

1. Elementary Spanish. Grammar, reading, and composition. Edgren's "Grammar;" Ramsey's "Reader." First term: Tuesday, Thursday, Friday, 4.

2. Modern novels and plays. Grammar and composition. Second term: Tuesday, Thursday, Friday, 4.

3. Continuation of Course 2. Third term: Tuesday, Thursday, Friday, 4.

Courses 1, 2, and 3 are elective for Juniors and Seniors.

## ENGLISH LITERATURE

PROFESSOR CHAPMAN

1. Literature of the Eighteenth Century. The Augustan writers. The beginning and progress of the romantic movement. First term: Monday, Tuesday, Wednesday, Friday, 9.30.

2. Poets of the Nineteenth Century. Chief representatives of the poetry of the century. About one-half the time of the course is given to Wordsworth, Tennyson, and Browning. Second term: Monday, Tuesday, Wednesday, Friday, 9.30.

3. American Literature. Lectures, readings, and text-book. Pancoast's "Introduction to American Literature." Third term: Monday, Tuesday, Wednesday, Friday, 9.

Courses 1, 2, and 3 form a consecutive course throughout the year. They are elective for Juniors and Seniors.

4. Early English Literature to the Fifteenth Century. Lectures, with special study of "Beowulf," "The Vision of Piers Plowman," and select portions of Chaucer. First term: Monday, Tuesday, Thursday, Friday, 2.

5. Literature of the Elizabethan period (1500 to 1625). Lectures and readings. Special study of the plays of Shakespeare discussed in Moulton's "Shakespeare as a Dramatic Artist." Second term: Monday, Tuesday, Thursday, Friday, 2.

6. Literature of the Rebellion and Restoration periods (1625 to 1700). Lectures and readings, with particular attention to the prose

## Courses of Instruction

of Bunyan, Brown, Walton, Taylor, and Milton, and the verse of Milton and Dryden. Third term: Monday, Tuesday, Thursday, Friday, 2.

Courses 4, 5, and 6 form a consecutive course throughout the year, but either course may be taken without the others. They are elective for Seniors.

### RHETORIC AND ORATORY

PROFESSOR MITCHELL ; MR. DYER

#### RHETORIC

1. Genung's "Practical Rhetoric." Rhetorical analysis of pieces of good literature; outside reading of modern English prose; four long themes and occasional page themes. First term: Div. A, Wednesday, Friday, Saturday, 9.30; Div. B, Wednesday, Friday, 10.30; Saturday, 8.30.

2. Genung's "Practical Rhetoric;" Jevons's "Lessons in Logic." Analysis of great orations and arguments; outside reading of argumentative English prose; writing of four forensics; practice in debating. Second term: Div. A, Wednesday, Friday, Saturday, 9.30. Div. B, Wednesday, Friday, 10.30; Saturday, 8.30.

3. Wendell's "English Composition." Outside reading of modern English prose; four long themes and occasional page themes. Third term: Div. A, Wednesday, Friday, Saturday, 9. Div. B, Wednesday, Friday, 10; Saturday, 8.

Courses 1, 2, and 3 are required of all Sophomores, and of Freshmen, Class VII.

Themes. Four themes of not less than four hundred words each are required of all Juniors in each term. Subjects for themes are posted two weeks or more before the themes are due. Each theme is carefully read, the mistakes are marked, and a general criticism is written on the outside. The instructor then meets each student, hears him read his theme, points out the faults and merits of his writing, and suggests lines of profitable reading.

#### ELOCUTION

1. Informal lectures; drill in articulation, intonation, and gesture; short declamations with criticism by both students and instructor.



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Second term: Div. C, Thursday, 8.30. Div. D, Thursday, 2. Div. E, Thursday, 9.30. Div. F, Thursday, 3.

2. Declamations, previously rehearsed to the instructor, spoken before the class. Third term: Div. C, Thursday, 8. Div. D, Thursday, 2. Div. E, Thursday, 9. Div. F, Thursday, 3.

Courses 1 and 2 are required of all Freshmen.

## PHILOSOPHY

PRESIDENT HYDE

1. Psychology. James's "Psychology;" Stout's "Manual of Psychology." First term: Tuesday, Wednesday, Thursday, Friday, 8.30.

2. Ethics. Mackenzie's "Manual;" Plato's "Republic;" examination of Mill's "Utilitarianism" and Spencer's "Data of Ethics." Second term: Tuesday, Wednesday, Thursday, Friday, 8.30.

[3. History of Philosophy. Weber's "History of Philosophy;" selections from Descartes, Locke, Berkeley, and Kant. Third term.] Omitted in 1901-1902.

4. The Problems of Philosophy. Paulsen's "Introduction to Philosophy." Third term: Tuesday, Wednesday, Thursday, Friday, 8.

Courses 1, 2, and 3 (or 4) are elective for Seniors and Juniors.

## HISTORY AND POLITICAL SCIENCE

DR. DENNIS

1. History of England to 1509. Gardiner's "Student's History of England." Vol. I. First term: Tuesday, Thursday, Friday, 2.

2. History of England, 1509-1688. Gardiner's "Student's History of England." Vol. II. Second term: Tuesday, Thursday, Friday, 2.

3. History of England, 1688-1887. Gardiner's "Student's History of England." Vol. III. Third term: Tuesday, Thursday, Friday, 2.

History 1, 2, and 3 form a consecutive course throughout the year. History 2 must be preceded by History 1, and History 3 by History 1 and 2. They are elective for Sophomores, Juniors, and Seniors, and are required for Freshmen, Class VI. In addition to the lectures, reading in the text-book, and quizzes, collateral reading in assigned books will be required. Special

## Courses of Instruction

attention will be paid to historical geography, and maps will be drawn by each member of the class.

History 1, 2, and 3 are given in alternation with History 7, 8, and 9, and will be omitted in 1902-1903.

4. American History to 1783. Thwaite's "The Colonies" will be used as a text-book, but collateral reading will be expected and reports on special topics involving considerable independent study will be required. First term: Monday, Tuesday, Wednesday, 11.30.

5. History of the United States, 1783-1829. Hart's "Formation of the Union" will be used as a text-book, but work similar to that in History 4 will be required. Second term: Monday, Tuesday, Wednesday, 11.30.

6. History of the United States, 1829-1865. In this course Johnston's "American Politics" and Burgess's "The Middle Period" will be useful to the student. The work done in History 5 will be continued. Third term: Monday, Tuesday, Wednesday, 11.

History 4, 5, and 6 form a consecutive course throughout the year. History 5 must be preceded by History 4, and History 6 by History 4 and 5. They are elective for Juniors and Seniors, and for Sophomores, Class VI.

[7. History of Europe from the Teutonic Invasions to the close of the Middle Ages. First term.] Omitted in 1901-1902.

[8. History of Europe from the Renaissance to the French Revolution. Second term.] Omitted in 1901-1902.

[9. History of Europe since 1789. Third term.] Omitted in 1901-1902.

History 7, 8, and 9 form a consecutive course throughout the year and are governed by the same rules as History 1, 2, and 3. They are omitted this year, but will be given 1902-1903. The work of the course will be similar to that in History 1, 2, and 3, emphasis being laid on continental history.

10. Modern European Governments. This course will be given in the first term of 1902-1903. After that date it will be open only to those who have previously taken three terms in European History (History 1, 2, and 3, or 7, 8, and 9). Special emphasis will be laid on the English and Swiss systems, and the lectures will be supplemented by assigned readings and reports. Second term: Monday, Wednesday, Thursday, 10.30.

11. American Government. In 1903 this course will be given in

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the second term. It will be open only to those who have previously taken History 4, 5, and 6. Bryce's "American Commonwealth" and Cooley's "Principles of Constitutional Law" will be used as text-books. Collateral reading, reports of leading cases, and special reports on assigned topics will supplement the lectures. First term: Monday, Wednesday, Thursday, 10.30.

12. History of American Diplomacy. A study will be made of the general principles of international law, with special reference to the diplomatic history of the United States since 1783, the examination of treaties, and the discussion of foreign policy. This course is open only to those who have previously taken History 4, 5, and 6. This rule will not apply in 1902, but the course cannot be elected by those who are now taking History 4, 5, and 6. Third term: Monday, Wednesday, Thursday, 10.

### ECONOMICS AND SOCIOLOGY

#### PROFESSOR CALLENDER

1. Elements of Economic Theory. Gide's "Political Economy;" Mill's "Principles of Political Economy." Lectures and discussion of text-books. First term: Tuesday, Thursday, Friday, Saturday, 8.30.

Elective for Juniors and Seniors.

2. Money and Banking, with special reference to the experience of the United States. Dunbar's "Theory and History of Banking;" Walker's "International Bimetallism;" Noyes's "Thirty Years of American Finance." Second term: Tuesday, Thursday, Friday, Saturday, 8.30.

Elective for Juniors and Seniors who have taken Course 1.

3. Public Finance. Special attention is given to taxation in United States. Daniel's "Public Finance;" Seligman's "Essays in Taxation." Lectures and assigned reading. Third term: Tuesday, Thursday, Friday, Saturday, 8.

Elective for Juniors and Seniors who have taken Course 1.

4. The Economic and Social History of the United States. First term: Tuesday, Wednesday, Thursday, 9.30; Saturday, 10.30.

5. Continuation of Course 4. Second term: Tuesday, Wednesday, Thursday, 9.30; Saturday, 10.30.

## Courses of Instruction

6. Continuation of Course 5. Third term: Tuesday, Wednesday, Thursday, 9; Saturday, 10.

Courses 4, 5, and 6 together give a general survey of the economic and social history of the American people from the middle of the eighteenth century to the present time, with a discussion of the more important economic and social questions with which they have had to deal during this period. The following are the principal subjects considered: the mercantile system and colonies in the eighteenth century; economic causes and consequences of the revolution; commercial relations during the confederation and European wars; the settlement of the west, and the public land policy; the history of transportation, including the early canal and turnpike enterprises of the states, the various phases of railroad building, and the problems of railroad management and control; the rise of manufactures and the protective tariff policy; the growth of corporations, and the formation of trusts and industrial combinations; various social topics such as the origin and growth of negro slavery; the results of emancipation and present condition of the negro; immigration; the rise of the laboring class; agricultural discontent; and the influence of economic and social conditions on politics. Comparison will be made from time to time with the contemporary economic history of Europe.

These three courses are intended to form a continuous year's work. Course 6, which deals with social topics, may, however, be elected by those who have not taken 4 and 5. All three courses are elective for Juniors and Seniors whether or not they have taken Course 1. Courses 4, 5, and 6 are given in alternation with 7, 8, and 9, and will be omitted in 1902-1903.

[7. Colonization. A study of the settlement of new countries, and the development of old ones by Europe and the United States, with special reference to the economic and social results of the "expansion" movement in recent times. The rise and decay of the old colonial system; the colonial policy of different nations in recent times, and its relation to general commercial policy; the extent and character of colonial trade; the movement of labor and capital to new countries; the industrial rehabilitation of Egypt, India, Japan, China, and Mexico; and the various race questions to which colonization has given rise, are among the topics considered. First term. Elective for all Juniors and Seniors.] Omitted in 1901-1902.

[8. Practical Economic Problems. Methods of Railroad Management in different countries, and the questions of public ownership;

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growth of Monopolies and Trusts, and proposed methods of dealing with them; conflicts between Labor and Capital — Trades Unions, Co-operation, Socialism. Second term. Elective for Juniors and Seniors who have taken Course 1.] Omitted in 1901-1902.

[9. Sociology. A study of Theories of Social Progress, with reference to problems of social improvement. Bagehot's "Physics and Politics;" Haycraft's "Darwinism and Race Progress;" Mallock's "Aristocracy and Evolution;" Kidd's "Social Evolution." Third term. Elective for Juniors and Seniors.] Omitted in 1901-1902.

### MATHEMATICS

PROFESSOR MOODY

1. Algebra. A review of selected portions of the preparatory algebra, followed by a study of series and limits, indeterminate equations, undetermined coefficients, binomial theorem, and higher equations. Study of logarithms with applications drawn from plane geometry. First term: Div. A, Monday, Tuesday, Wednesday, Friday, 8.30. Div. B, Monday, Tuesday, Wednesday, Friday, 9.30.

2. Geometry and Trigonometry. Solid geometry with mensuration and original theorems. Plane trigonometry through the solution of right triangles. Second term: Div. A, Monday, Tuesday, Wednesday, Friday, 8.30. Div. B, Monday, Tuesday, Wednesday, Friday, 9.30.

3. Trigonometry. Demonstration of fundamental formulas and proof of exercises drawn therefrom; the theory and use of six-place logarithmic tables; the solution of oblique triangles with problems and applications. Third term: Div. A, Monday, Tuesday, Wednesday, Friday, 8. Div. B, Monday, Tuesday, Wednesday, Friday, 9.

Courses 1, 2, and 3 are required of all Freshmen except Classes IV, V, VIII, and IX. Brief optional courses are given each term respectively, in advanced algebra, mensuration or elementary modern geometry, and surveying.

4. Spherical Trigonometry and Analytic Geometry. A summary of spherical trigonometry through the solution of oblique triangles, and the completion of Wentworth's "Plane Analytic Geometry." First term: Monday, Tuesday, Wednesday, Friday, 11.30.

5. Differential Calculus. Byerly's text-book, with additional work in curve tracing and solid analytic geometry. Second term: Monday, Tuesday, Wednesday, Friday, 11.30.

## Courses of Instruction

6. Calculus. Text-book completed and work extended to include double and triple integrals for surfaces and volumes. Third term: Monday, Tuesday, Wednesday, Friday, 11.

Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3, and for Freshmen, Classes IV, V, VIII, and IX.

[7, 8, and 9. Integral Calculus and Elliptic Functions. Byerly's "Integral Calculus," with lectures and collateral reading. First, second, and third terms.] Omitted in 1901-1902.

10, 11, and 12. Modern Methods in Pure and Analytic Geometry. First, second, and third terms: Monday, Tuesday, Thursday, 4.

Courses 10, 11, and 12 form a consecutive course throughout the year, and are given in alternation with Courses 7, 8, and 9. They are elective for those who have taken Courses 1 to 6 inclusive.

## PHYSICS AND ASTRONOMY

PROFESSOR HUTCHINS

### PHYSICS

1. Mechanics and Heat. Hastings and Beach's "General Physics," and laboratory work. First term: Tuesday, Thursday, 8.30 to 10.30; Wednesday, Friday, 8.30.

2. Light and Electricity. Hastings and Beach's "General Physics," and laboratory work. Second term: Tuesday, Thursday, 8.30 to 10.30; Wednesday, Friday, 8.30.

Courses 1 and 2 are elective for Sophomores, Juniors, and Seniors. They are required of Freshmen, Classes IV and VIII.

3. Electricity and Magnetism. Lectures and laboratory work. First term: Monday, Tuesday, Thursday, Friday, 2 to 4.

4. Electricity and Magnetism. Lectures and laboratory work. Second term: Monday, Tuesday, Thursday, Friday, 2 to 4.

Courses 3 and 4 are elective for those who have taken Courses 1 and 2, or an equivalent, and Mathematics 1 to 6 inclusive.

5, 6, and 7. Advanced work in Electricity and Magnetism. Lectures and laboratory work. *Four hours a week* throughout the year, at the convenience of instructor and students.

Courses 5, 6, and 7 are elective for those who have taken Courses 1 to 4 inclusive.



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## ASTRONOMY

1. Astronomy. Young's "Elements of Astronomy." Third term: Tuesday, Wednesday, Thursday, Friday, 8.

Course 1 is elective for Sophomores, Juniors, and Seniors. It is required of Freshmen, Classes IV and VIII.

2. Practical Astronomy. Third term: Monday, Tuesday, Thursday, Friday, 2 to 4.

Course 2 is elective for those who have taken Course 1, and Physics 3 and 4.

## CHEMISTRY AND MINERALOGY

PROFESSOR ROBINSON

### CHEMISTRY

1. General Chemistry. Lectures and laboratory work. The occurrence, preparation, and properties of the common elements; combustion, oxidation, distillation, solution, and crystallization. First term: Monday, Wednesday, 10.30; Thursday, Saturday, 10.30 to 12.30.

Elective for Juniors and Seniors. Required of Freshmen, Classes V and IX.

2. General Chemistry, including a few exercises in organic chemistry. Preparation of compounds; quantitative relations; the atomic theory. Second term: Monday, Wednesday, 10.30; Thursday, Saturday, 10.30 to 12.30.

Elective for those who have taken Course 1, or its equivalent. Required of Freshmen, Classes V and IX.

3. Qualitative Analysis. Laboratory work in systematic analysis for common metals and acids. First term: Monday, Tuesday, Thursday, Friday, 3.

Elective for those who have taken Courses 1 and 2, and for Freshmen, Class VIII, who are qualified.

4. Quantitative Analysis. The principles of all kinds of quantitative analysis. Typical analyses. General organic chemistry. Second term: Monday, Tuesday, Thursday, Friday, 3.

Elective for those who have taken Courses 1, 2, and 3.



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5. Organic Chemistry. Sugars, starches, alkaloids, etc. The principles of physiological chemistry for those intending to study medicine. Third term: Monday, Tuesday, Thursday, Friday, 3.

Elective for those who have taken enough of the preceding courses to be qualified.

### MINERALOGY

1. Descriptive Mineralogy. Common minerals, and methods of knowing them. Third term: Monday, Wednesday, 10; Thursday, Saturday, 10 to 12.

Elective for those who have taken Chemistry 1, and for other qualified Juniors and Seniors. Required of Freshmen, Classes V and IX.

2. Determinative Mineralogy and Metallurgy. Mineralogy of the useful metals and their ores. Third term: Monday, Tuesday, Thursday, Friday, 3.

Elective for those who have taken Course 1.

### BIOLOGY AND GEOLOGY

PROFESSOR LEE

#### BIOLOGY

1. Botany. Coulter's "Plants." Third term: Monday, 9 to 11; Thursday, Saturday, 10 to 12.

Elective for Sophomores.

2. Zoölogy. Thomson's "Outlines of Zoölogy." First term: Monday, Tuesday, Thursday, Friday, 2 to 4.

Elective for Juniors and Seniors, and for Sophomores, Class VI.

3. Zoölogy. Thomson's "Outlines of Zoölogy." Second term: Monday, Tuesday, Thursday, Friday, 2 to 4.

Elective for those who have taken Course 2.

4. Physiology. Huxley's "Physiology." Third term: Monday, Tuesday, Thursday, Friday, 2 to 4.

Elective for those who have taken Courses 2 and 3. Courses 2, 3, and 4 form a continuous course in animal biology, from single-celled organisms to man.

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5. Anatomy. Kingsley's "Vertebrate Zoölogy." First term : Monday, Saturday, 8.30 to 10.30 ; Tuesday, Friday, 10.30 to 12.30.

Elective for Juniors and Seniors who have taken Courses 2, 3, and 4.

6. Anatomy. Kingsley's "Vertebrate Zoölogy." Second term : Monday, Saturday, 8.30 to 10.30 ; Tuesday, Friday, 10.30 to 12.30.

Elective for those who have taken Course 5.

7. Anatomy. Kingsley's "Vertebrate Zoölogy." Third term : Monday, Saturday, 8 to 10 ; Tuesday, Friday, 10 to 12.

Elective for those who have taken Courses 5 and 6.

Courses 5, 6, and 7 include laboratory work in Comparative Anatomy, Histology, and Physiology, preparatory to the study of medicine.

### GEOLOGY

1. Geology. Redway's "Physical Geography." First term : Monday, 9.30 to 11.30 ; Thursday, Saturday, 10.30 to 12.30.

Elective for Sophomores.

2. Geology. Lectures and laboratory work. Second term : Monday, 9.30 to 11.30 ; Thursday, Saturday, 10.30 to 12.30.

Elective for those who have taken Course 1.

### HYGIENE AND PHYSICAL TRAINING

DR. WHITTIER

#### HYGIENE

Lectures on Human Anatomy, Physiology, and Personal Hygiene. First term : Thursday, 10.30.

Required of Freshmen.

The Director of the Gymnasium gives each student a thorough medical and physical examination. From the measurements and strength tests taken a chart is made out for each student, showing his size, strength, and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. At the same time the student receives a hand-book containing the exercises prescribed for the purpose of correcting the

## Courses of Instruction

physical defects shown by his chart, with specific directions in regard to diet and bathing.

### PHYSICAL TRAINING

1. Class exercises: military drill, setting-up drill, and Indian-club swinging. Squad exercises (graded to suit the strength of each squad): indoor athletics, chest weights, and heavy gymnastics. Second term: Monday, Tuesday, Thursday, 11.30.

Required of Freshmen.

2. Class exercises: dumb-bells and boxing. Squad exercises: indoor athletics and wrestling. Second term: Monday, Tuesday, Thursday, 4.

Required of Sophomores.

3. Class exercises: fencing with single-sticks and with broad-swords. Squad exercise: indoor athletics. Second term: Monday, 5; Wednesday, Friday, 4.

Required of Juniors.

4. Class exercise: fencing with foils. Squad exercise: indoor athletics. Second term: Tuesday, Wednesday, Friday, 5.

Required of Seniors.

### COURSES IN THE MEDICAL SCHOOL

By vote of the Faculty, the work in Anatomy and Physiology, in the first year of the course in the Medical School, is allowed to count as four courses of one term each towards the degree of Bachelor of Arts.

The regular course to be pursued by students desiring to register in the Medical School at the beginning of the second term is as follows:

Second term: Anatomy and Physiology (Medical School), Chemistry 4 and Biology 6 (College).

Third term: Anatomy and Physiology (Medical School), Chemistry 5 and Biology 7 (College).

Extra studies standing to the credit of students pursuing this course may, with the consent of the College Faculty, be substituted for the Chemistry 5 and Biology 7 of the third term.

Students intending to avail themselves of this privilege are required to register their choice with the Registrar not later than December 1.

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## REQUIRED AND ELECTIVE STUDIES

The variety of subjects that may be offered for admission, and the maintenance of a distinction between candidates for the degree of A.B. and candidates for the degrees of B.S. or B.L., divide the students into nine groups, which in the accompanying table (p. 63), and in the account of courses of instruction, are designated as follows:

Class I. Candidates for the degree of A.B. who offer Greek for admission.

Class II. Candidates for the degree of A.B. who offer German.

Class III. Candidates for the degree of A.B. who offer French.

Class IV. Candidates for the degree of A.B. who offer Chemistry and Mathematics.

Class V. Candidates for the degree of A.B. who offer Physics and Mathematics.

Class VI. Candidates for the degrees of B.S. or B.L. who offer German.

Class VII. Candidates for the degrees of B.S. or B.L. who offer French.

Class VIII. Candidates for the degrees of B.S. or B.L. who offer Chemistry and Mathematics.

Class IX. Candidates for the degrees of B.S. or B.L. who offer Physics and Mathematics.

## REQUIRED STUDIES

The courses required of each of the above classes are shown in the table following. In addition, a course in Physical Training is required of all students during the second term of each year, and theme writing throughout the Junior year. All other courses are elective.

## ELECTIVES

The election of studies is governed by the following rules:

1. Regular students are required to take four full courses each term in addition to the required work in Elocution, Themes, Hygiene, and Physical Training.
2. Special students are required to take three full courses each term.
3. No regular student is allowed to take more than five courses in any term without the consent of the Faculty.
4. No student is allowed to elect courses involving a conflict of hours.

# Courses of Instruction

## FRESHMAN YEAR

I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.
Greek 1, 2, and 3.	Greek A, B, and C.	Greek A, B, and C.	Greek A, B, and C.	Greek A, B, and C.				
Latin 1, 2, and 3.	Latin 1, 2, and 3.	Latin 1, 2, and 3.	Latin 1, 2, and 3.	Latin 1, 2, and 3.	Latin 1, 2, and 3.	Latin 1, 2, and 3.	Latin 1, 2, and 3.	Latin 1, 2, and 3.
French 1, 2, and 3.	French 1, 2, and 3.		French 1, 2, and 3.	French 1, 2, and 3.	French 1, 2, and 3.		French 1, 2, and 3.	French 1, 2, and 3.
Mathematics 1, 2, and 3.	Mathematics 1, 2, and 3.	Mathematics 1, 2, and 3.			Mathematics 1, 2, and 3.	Mathematics 1, 2, and 3.		
		German 1, 2, and 3.	Physics 1 and 2, and Astron. 1.	Chemistry 1 and 2, and Miner. 1.	History 1, 2, and 3.	German 1, 2, and 3. Rhetoric 1, 2, and 3.	German 1, 2, and 3.	German 1, 2, and 3.
Hygiene.	Hygiene.	Hygiene.	Hygiene.	Hygiene.	Hygiene.	Hygiene.	Physics 1 and 2, and Astron. 1.	Chemistry 1 and 2, and Miner. 1.
Elocution 1 and 2.	Elocution 1 and 2.	Elocution 1 and 2.	Elocution 1 and 2.	Elocution 1 and 2.	Elocution 1 and 2.	Elocution 1 and 2.	Hygiene. Elocution 1 and 2.	Hygiene. Elocution 1 and 2.

## SOPHOMORE YEAR

Rhetoric 1, 2, and 3.	Rhetoric 1, 2, and 3.	Rhetoric 1, 2, and 3.	Rhetoric 1, 2, and 3.	Rhetoric 1, 2, and 3.	Rhetoric 1, 2, and 3.		Rhetoric 1, 2, and 3.
German 1, 2, and 3.	Greek 1, 2, and 3.	Greek 1, 2, and 3.	Greek 1, 2, and 3.	Greek 1, 2, and 3.	Greek 1, 2, and 3.		
			German 1, 2, and 3.	German 1, 2, and 3.			

## Administration of the College

### DEGREES

The degree of Bachelor of Arts is conferred by the Boards of Trustees and Overseers, on recommendation of the Faculty, upon those students in regular standing who either offer Greek for admission, or take Greek as a study in college for two consecutive years.

The degree of Bachelor of Science or Bachelor of Letters is conferred on all students who do not offer Greek for admission, and do not take Greek as a study in college.

The degree of Master of Arts is conferred upon those graduates of the college who, after taking the Bachelor's degree, complete an approved course of advanced study equivalent to one year's graduate work, and pass with credit a written and oral examination on the same. Application for the degree must be made to the Faculty not later than April 1 in the year in which the candidate presents himself for examination.

### GOVERNMENT

In all matters pertaining to the good order of the college, and the relations of the students to one another, the students govern themselves through a Jury.

The Jury consist of undergraduate students in good and regular standing, chosen as follows : each of the four classes elects one member ; each chartered chapter of an intercollegiate fraternity of three or more years' standing in the college elects one member ; and all who do not belong to any such fraternity elect one member.

The Jury have absolute and final jurisdiction over all cases of public disorder and all offences committed by students against each other. The Faculty have jurisdiction over conduct during college exercises, conduct toward college officers, damage to college buildings, and all matters of personal morality which affect primarily the character and reputation of individual students.

# Administration of the College

The following are the members of the Jury for 1901-1902:

Edward Swasey Anthoine (1902), *Foreman*.

George Bourne Farnsworth (Θ. Δ. X.) *Secretary*.

John Appleton (Δ. K. E.)	Merrill Blanchard (1903.)
Robert Sanford Benson (Non Soc.)	Charles Patrick Connors (A. Δ. Φ.)
Thomas Herbert Blake (Ψ. Υ.)	Charles Carroll Shaw (Κ. Σ.)
Eugene Robert Kelley (Z. Ψ.)	Myrton Andrew Bryant (1904.)
Benjamin Franklin Hayden (Δ. Υ.)	Walter Martin Sanborn (1905.)

## RELIGIOUS EXERCISES

All students are required to attend devotional exercises, consisting of the reading of Scripture, singing, and prayer, held in the College Chapel every week-day morning, and a brief service, including an address by the President, on Sunday afternoon. Every student is also expected to attend the exercises of public worship on the Sabbath at one of the churches in Brunswick.

Prayer-meetings, under the direction of the Young Men's Christian Association, a religious organization of the students, are held on Thursday evenings, and other meetings on Sunday, to which all members of the college are cordially invited.

## TERMS AND VACATIONS

The Academic Year is divided into three terms, — a Fall term of thirteen weeks, a Winter term of fourteen weeks, and a Spring term of ten weeks. The holiday vacation of one week follows the first term, the Spring recess of a week follows the second term, and the Summer vacation of thirteen weeks follows Commencement Day. Commencement Day is the fourth Thursday of June.

## RANK

The rank of a student in each course is determined by a combination of marks given (1) for attendance at required exercises, and (2) for quality of work done. Attendance rank is averaged on a scale of *six*. Credit for work performed is averaged on a scale of *ten*. This method of computation permits a maximum average term rank of *eight*. It is this rank that is made the basis of awards and conditions.



# Bowdoin College

## EXAMINATIONS

The regular examinations of the college are held at the close of each term.

A student who fails to pass any of the regular examinations is conditioned, and will be subject to the following regulations :

1. If the course in which the condition was incurred was a *required* course, the condition must be made up by taking the course over again ; except as provided in Article 3 below.

2. If the course was *elective*, the condition may be made up either (1) by taking the course over again in case it is repeated within one year, and provided there is no conflict of hours, or (2) by substituting another elective in its place.

3. Any student may make up a condition in either a required or an elective course under the direction of a private tutor with the consent of the Recorder and the instructor concerned. In each instance the tutor will be required to certify that the work of the course has been satisfactorily completed to entitle the student to re-examination.

4. Examinations in work to make up conditions may be taken only during the time of the regular term examinations.

5. All conditions must be made up within one year of the time of their being incurred. Conditions received during the first two terms of Senior year must be made up during the following term.

## REPORTS OF STANDING

A report of the rank of each student is sent to the parent or guardian at the close of each term. The report contains a statement of the standing of the student in each of his courses, together with the number of unexcused absences from church and chapel.

Rank is computed according to the method described above ; it is preserved on the college records, and reported to the parent or guardian, in the letters A, B, C, D, and E. The maximum average term rank is 8, and A signifies a rank of 7.5 or over ; B, a rank not lower than 7 nor higher than 7.4 ; C, a rank not lower than 6 nor higher than 6.9 ; D, a rank not lower than 5.5 nor higher than 5.9 ; and E, a rank lower than 5.5 and a condition.

# Administration of the College

## ABSENCES

In case a student, for any reason, wishes to be absent from college for one week or longer, he is required to obtain previous permission from the Faculty, when possible. If it be impossible to make petition before leaving, the Faculty should be notified as early as possible, through the Class Officer.

## MEDICAL ATTENDANCE

A fund of \$1,000, given by Mr. and Mrs. GEORGE F. GODFREY of Bangor, in memory of their son, HENRY PRENTISS GODFREY, is devoted to providing medical attendance for students who may be sick while in college.

## Scholarships

The income of over One Hundred and Twenty-five Thousand Dollars is devoted to scholarships and prizes in aid of meritorious students of slender means.

Applications for scholarships must be made upon blank forms furnished at the office of the Treasurer of the college. They must be made out anew each year; signed by both the student and his parent or guardian; and deposited in the Treasurer's office before November 1.

**BROWN MEMORIAL SCHOLARSHIPS.** A fund for the support of four scholarships in Bowdoin College, given by Hon. J. B. BROWN of Portland, in memory of his son, JAMES OLCOTT BROWN, A.M., of the Class of 1856.

According to the provisions of this foundation, there will be paid annually the income of one thousand dollars to the best scholar in each undergraduate class who shall have graduated at the High School in Portland after having been a member thereof not less than one year.

**SHEPLEY SCHOLARSHIP.** A fund of \$1,000, given by Hon. ETHER SHEPLEY, LL.D., of Portland, late Chief Justice of the Supreme Court of Maine.

**MARY L. SAVAGE MEMORIAL SCHOLARSHIP.** A scholarship of \$1,000, founded by Rev. WILLIAM T. SAVAGE, D.D., of Quincy, Ill., in memory of his wife, MARY L. SAVAGE.

**BENJAMIN DELANO SCHOLARSHIP.** A scholarship of \$1,000, bequeathed by Captain BENJAMIN DELANO of Bath.

**AND EMERSON SCHOLARSHIPS.** A fund amounting at present to \$5,000, given by AND EMERSON, Esq., of Boston, through Rev. Dr. E. B. WEBB.

**STEPHEN SEWALL SCHOLARSHIP.** A scholarship of \$1,000, given by Deacon STEPHEN SEWALL of Winthrop.

## Scholarships

The income of the preceding five scholarships is to be appropriated for the aid of students preparing to enter the ministry of the Evangelical Trinitarian churches.

JOHN C. DODGE SCHOLARSHIP. A fund of \$1,000, given by Hon. JOHN C. DODGE, LL.D.

ALFRED JOHNSON SCHOLARSHIPS. Three scholarships of \$1,000 each, founded by ALFRED JOHNSON of Belfast, in memory of his grandfather, Rev. ALFRED JOHNSON, and of his father, Hon. ALFRED JOHNSON.

WILLIAM SEWALL SCHOLARSHIP. A scholarship of \$1,000, founded by Mrs. MARIA M. SEWALL, in memory of her husband, WILLIAM B. SEWALL, Esq.

MARY CLEAVES SCHOLARSHIPS. Three scholarships of \$1,000 each, founded by the will of Miss MARY CLEAVES.

CRAM MEMORIAL SCHOLARSHIP. A scholarship of \$1,000, founded by Hon. MARSHALL CRAM of Brunswick, in memory of his son, NELSON PERLEY CRAM, of the Class of 1861, who lost his life in the service of his country.

JAMES MEANS SCHOLARSHIP. A scholarship of \$2,000, given by WILLIAM G. MEANS, Esq., of Andover, Mass., in memory of his brother, Rev. JAMES MEANS, of the Class of 1833, who died in the service of his country.

CHARLES DUMMER SCHOLARSHIPS. A fund of \$6,000, given by Mrs. ALMIRA C. DUMMER, in memory of her husband, CHARLES DUMMER, A.M., who was for many years a member of the Board of Overseers.

W. W. THOMAS SCHOLARSHIPS. Six scholarships of \$1,000 each, founded by Hon. W. W. THOMAS of Portland, to be awarded under certain conditions.

BUXTON SCHOLARSHIP. A fund at present amounting to \$2,500, contributed by CYRUS WOODMAN, Esq., of Cambridge, Mass., in aid of deserving students, preference being given to natives and residents of Buxton.

PIERCE SCHOLARSHIP. A scholarship of \$1,000, bequeathed by Mrs. LYDIA PIERCE of Brunswick, in memory of her son, ELIAS D. PIERCE.

## Bowdoin College

BLAKE MEMORIAL SCHOLARSHIPS. A fund of \$4,000, bequeathed by Mrs. NOAH WOODS of Bangor, in memory of her son, WILLIAM A. BLAKE, of the Class of 1873.

HULDAH WHITMORE SCHOLARSHIPS. Two scholarships of \$2,500 each, given by Hon. WILLIAM GRISWOLD BARROWS, LL.D., of Brunswick, in memory of his wife, to be awarded by the President under certain conditions.

NATHANIEL MCLELLAN WHITMORE SCHOLARSHIP AND GEORGE SIDNEY WHITMORE SCHOLARSHIP. Two scholarships of \$1,000 each, given by Mrs. MARY J. WHITMORE, in memory of her sons, NATHANIEL MCLELLAN WHITMORE, of the Class of 1854, and GEORGE SIDNEY WHITMORE, of the Class of 1856.

GEORGE FRANKLIN BOURNE SCHOLARSHIP. A scholarship of \$1,000, given by Mrs. NARCISSA SEWALL BOURNE, of Winthrop.

LOCKWOOD SCHOLARSHIP. A scholarship of \$1,000, established in memory of Hon. AMOS DEFORREST LOCKWOOD, a former treasurer of the college.

WILLIAM LITTLE GERRISH SCHOLARSHIP. A scholarship of \$1,000, given by Dr. F. H. GERRISH, in memory of his brother, WILLIAM LITTLE GERRISH, of the Class of 1864.

LAWRENCE SCHOLARSHIPS. A fund of \$6,000, given by Mrs. AMOS LAWRENCE of Massachusetts, the income to be annually appropriated for the whole or a part of the tuition of meritorious students who may need pecuniary assistance, preference being given to those who shall enter the college from Lawrence Academy, at Groton, Mass.

G. W. FIELD SCHOLARSHIPS. Two scholarships of \$2,000 each, given by Rev. GEORGE W. FIELD, D.D., of Bangor, of the Class of 1837. In awarding the scholarships, preference is to be given, first, to students or graduates of the Bangor Theological Seminary, and second, to graduates of the Bangor High School.

JUSTUS CHARLES FUND. A fund established by the will of JUSTUS CHARLES of Fryeburg, for such indigent students as, in the opinion of the President, are most meritorious, deserving, and needy.

MOSES R. LUDWIG AND ALBERT F. THOMAS SCHOLARSHIP. Founded by Mrs. HANNAH C. LUDWIG of Thomaston.

## Prizes

**JOSEPH N. FISKE SCHOLARSHIP.** A scholarship of \$1,000, given by Mrs. CHARLOTTE M. FISKE of Boston, in memory of her husband.

**CROSBY STEWART NOYES SCHOLARSHIPS.** Two scholarships of \$2,000 each, established by CROSBY S. NOYES, A. M., of Washington, D. C. In awarding these, preference is to be given to natives or residents of Minot.

**HENRY T. CHEEVER SCHOLARSHIP.** A scholarship of \$500, given by Rev. HENRY T. CHEEVER, D.D., of Worcester, Mass., to be awarded by the President under certain conditions.

## Prizes

**SMYTH MATHEMATICAL PRIZE.** A fund of \$5,000, the gift of HENRY J. FURBER, Esq., of Chicago, named by him in honor of PROFESSOR WILLIAM SMYTH. From the present income of the fund \$300 is given to that student in each Sophomore Class who obtains the highest rank in the mathematical studies of the first two years. The rank is determined mainly by the daily recitations; but the Faculty may at their discretion order a special examination, the result of which will be combined with the recitation rank. The successful candidate receives \$100 at the time the award is made. The remaining \$200 is paid to him in installments at the close of each term during Junior and Senior years. If a vacancy occurs during those years, the next in rank secures the benefit of the prize for the remainder of the time.

**ENGLISH COMPOSITION PRIZES.** The sum of Thirty Dollars is annually given in prizes to members of the Senior Class for excellence in English Composition.

**JUNIOR DECLAMATION PRIZES.** Prizes amounting to Thirty Dollars are given to members of the Junior Class for excellence in Oratory at their annual Prize Declamation.

**DAVID SEWALL PREMIUM.** Prizes amounting to Ten Dollars are awarded to members of the Sophomore Class for excellence in Oratory at their annual Prize Declamation.

## Bowdoin College

**BROWN COMPOSITION PRIZES.** Two prizes, one of Thirty Dollars and one of Twenty Dollars, established by Mr. PHILIP G. BROWN of the Class of 1877, in memory of PHILIP HENRY BROWN, Esq., of Portland, of the Class of 1851, are offered to the Senior Class for excellence in Extemporaneous English Composition.

**SEWALL GREEK PRIZE.** A prize of Twenty-five Dollars, given by Professor JOTHAM BRADBURY SEWALL, of Boston, of the Class of 1848, formerly Professor of Greek in the college, is awarded to the member of the Sophomore Class who sustains the best examination in Greek.

**SEWALL LATIN PRIZE.** A prize of Twenty-five Dollars, also given by Professor SEWALL, is awarded to the member of the Sophomore Class who sustains the best examination in Latin.

**GOODWIN COMMENCEMENT PRIZE.** A prize of Fifty Dollars, given by Rev. Dr. DANIEL RAYNES GOODWIN, of Philadelphia, of the Class of 1832, is awarded each year to the author of the best Commencement Part.

**CLASS OF 1868 PRIZE.** A prize of Forty Dollars, contributed by the Class of 1868, is given annually to the author of the best written and spoken oration in the Senior Class.

**PRAY ENGLISH PRIZE.** A prize of Fifty Dollars, given by Dr. THOMAS J. W. PRAY of Dover, N. H., of the Class of 1844, is awarded each year to the best scholar in English Literature and original English Composition.

**GOODWIN FRENCH PRIZE.** A prize of Twenty-five Dollars, given by Rev. Dr. DANIEL RAYNES GOODWIN, is awarded annually to the best scholar in French.

**NOYES POLITICAL ECONOMY PRIZE.** This prize, consisting of the annual income of one thousand dollars, was established by CROSBY STUART NOYES, A.M., and is awarded to the best scholar in Political Economy.

**CLASS OF 1875 PRIZE IN AMERICAN HISTORY.** This prize, consisting of the annual income of three thousand dollars, was established by WILLIAM J. CURTIS of New York City, of the Class of 1875, and will be awarded to that student who shall write the best essay on an assigned subject and pass the best special examination on a selected period in American History. The rules governing the competition



## Prizes

are as follows: Only those men are eligible to compete who shall have completed the work of History 1, 2, and 3, or 7, 8, and 9, and who shall have elected History 4, 5, and 6; the requirement regarding History 1, 2, and 3, or 7, 8, and 9, will be waived in 1901-1902; all competitors must have attained an average of at least C in all courses taken under the department of History. On January 1 announcement will be made of a subject or list of subjects for an essay due May 1; the essay must not be less than 5,000 or more than 20,000 words in length, and will deal with some topic in United States History, 1783-1877; on April 1 a period in United States History of not less than five years nor more than twenty years in length will be announced as the subject for a special examination to be held on or about June 1. The prize will be awarded as the result of these two tests, the essay counting 60 per cent, and the examination 40 per cent. The final award of the prize will be subject to the approval of the President of the college.

**SPECIAL PRIZE IN ENGLISH HISTORY.** This prize, of the value of Fifty Dollars, has been offered anonymously for the year 1901-1902, and will be awarded to that student who shall do the best work in the courses on English History and who shall write the best essay on some assigned topic. All students electing History 1, 2, and 3 and completing the work of those courses shall be eligible to compete. On March 1 a subject or list of subjects for an essay in English History will be announced. The essay will be due June 1, and must not be less than 5,000 or more than 15,000 words in length; it will count 50 per cent in the award, the class-room rank also counting 50 per cent. The student whose average is highest, based on these two standards, will be given the prize, which will be announced at Commencement.

**BRADBURY DEBATING PRIZES.** Prizes amounting to Sixty Dollars, given by Hon. JAMES WARE BRADBURY, LL.D., of the Class of 1825, are awarded each year to members of the Senior Class for excellence in debating.

## College Expenses

Term bills, containing college charges, are mailed to the parent or guardian of each student at the close of each term, and become payable at once. No degrees are conferred upon students who have not paid their dues to the college.

The following table exhibits three scales of annual expenditure, omitting clothing, washing, travelling expenses, and board during the vacations.

	Lowest.	Average.	Liberal.
Tuition . . . . .	\$75 00	\$75 00	\$75 00
Incidental college charges . . . . .	8 00	15 00	25 00
Room rent (two persons sharing one room)	25 00	35 00	45 00
Heating and lighting (two persons sharing one room) . . . . .	15 00	25 00	30 00
Furniture (two persons sharing one room)		15 00	25 00
Board, thirty-six weeks . . . . .	108 00	135 00	180 00
Books and stationery . . . . .	11 00	20 00	40 00
Class dues, societies, subscriptions, etc. .	8 00	20 00	40 00
	<hr/>	<hr/>	<hr/>
	\$250 00	\$340 00	\$460 00

The rent of college rooms in Appleton, Maine, and Winthrop Halls, including heat, is as follows:

Rooms on first and third floors . . . . .	\$102 00
Rooms on second floor . . . . .	108 00
Rooms on fourth floor . . . . .	72 00

Except Nos. 1, 17, and 18 Winthrop Hall, which rent for \$96, and No. 4, which rents for \$120.

## The College Buildings

There are eleven college buildings, with a twelfth in process of construction. The spacious campus, of about forty acres, upon which they are grouped is within five minutes' walk of the railroad station, one mile from the Androscoggin River with its picturesque falls, and about three miles from the shores of Casco Bay. A central heating and lighting plant supplies steam heat and electric light to all the buildings, which are also connected with the water and sewerage systems of the town.

### MASSACHUSETTS HALL

This hall, named for the mother state from which the college derives its charter, was the first building erected for the uses of the college. On the first floor are the offices of the treasurer of the college, and a lecture room in which are the quaint old colonial fireplace and oven as used for a time by the family of the first president.

The second and third floors have been thrown together and converted into a cabinet of natural history through the liberality of the late Peleg Whitman Chandler, of the Class of 1834, and named the Cleaveland Cabinet, in memory of Professor Parker Cleaveland. It contains, besides other collections, the mineralogical collection which has the special interest of having been the basis of Professor Cleaveland's "Treatise on Mineralogy and Geology," the first systematic treatise on mineralogy published in this country.

### THE DORMITORIES

There are three dormitories, of brick and stone, each one hundred feet by forty, and four stories in height. In the order of their erection they are Maine Hall, named for the District (now the State) of Maine; Winthrop Hall, named in honor of Governor John Winthrop of the Massachusetts Bay Colony; and Appleton Hall, named in honor of President Jesse Appleton, the second president of the college. Each of these dormitories contains thirty-two *suites*, consisting of a sitting-room or study, a bedroom, and an ample closet. The rooms are heated and lighted with steam and electricity from the central station, and the dormitories are supplied with water from the town system, and provided with toilet rooms.

# Bowdoin College

## KING CHAPEL

The chapel, built of undressed granite, and named in honor of Governor William King, the first Governor of Maine, is a Romanesque Church, the façade of which is marked by twin towers and spires which rise to the height of one hundred and twenty feet. The aisles and chancel are shut off from the nave by partition walls, and contain the college library of seventy thousand volumes. The nave is the chapel proper, in which are held the daily religious exercises of the college. There is a broad central aisle, from either side of which rise the ranges of seats after the manner of a cathedral choir. The platform, with the reading-desk, occupies the entire width of the chapel at its eastern end, and behind it rises the rood-screen of carved and panelled walnut, surmounted by a rood-gallery affording entrance to an upper room in the chancel; and through this entrance is seen, from the chapel below, an oriel window. From the walnut wainscoting on the sides of the chapel to the clerestory windows an unbroken wall, more than thirty feet in height, is divided by decorative frescoing into large panels in which are mural paintings—the gifts of individuals and of college classes—representing the Annunciation, the Adoration, the Baptism, and the Ascension, Paul preaching at Mars Hill, the Healing at the Beautiful Gate, St. Michael and the Dragon, Adam and Eve after the Transgression, and the Giving of the Law. A decorated ceiling which is carried up into the roof has a blue ground overlaid with golden stars. The music gallery is over the entrance to the chapel, between the two towers, and contains an organ which was a gift to the college from Oliver Crocker Stevens, of the Class of 1876, and Mrs. Stevens.

## MEMORIAL HALL

This building, erected by the contributions of alumni and friends, is a memorial to the graduates and students of the college who served in the Union army or navy during the Civil War. It is a granite structure in the French-Gothic style of architecture. On the first floor are four recitation rooms, and the office of the Registrar. The memorial hall proper occupies the whole of the second floor, and is a spacious audience room used for exhibitions and other public exercises. Aside from its architectural and decorative finish, it is notably adorned with busts and portraits of presidents, professors, benefactors, and distinguished graduates of the college. The names and military

## The College Buildings

rank of two hundred and ninety Bowdoin men who fought to maintain the Union are inscribed on bronze tablets, the gift of Thomas Hamlin Hubbard, of the Class of 1857.

### MARY FRANCES SEARLES SCIENCE BUILDING

This building was a gift to the college from Mr. Edward F. Searles, in memory of his wife, whose name it bears. It is built of Perth Amboy brick, with trimmings of Ohio stone, and is practically fire-proof. It is of the Elizabethan style of architecture, one hundred and eighty feet in length, and, with its two wings, one hundred and five feet in depth. It is three stories in height, with a high, well-lighted basement, and contains the college clock, which strikes the hours and half-hours. It is designed for the use of the three departments of chemistry, physics, and biology, and contains both large and small laboratories for each of these departments, with lecture rooms, offices, store rooms, cabinets, a work room for the manufacture of apparatus, a conservatory for plants, etc. It is fitted with all the devices and conveniences which experience has found to be desirable, and is fully adapted to the uses for which it was designed.

### WALKER ART BUILDING

This building, designed for the exhibition of the art treasures of the college, — except the portraits and busts in Memorial Hall and the mural paintings in King Chapel, — was erected by the Misses Harriet and Sophia Walker, of Waltham, Massachusetts, as a memorial of their uncle, the late Theophilus Wheeler Walker. It is one hundred feet in length by seventy-three in depth, and is surrounded on three sides by a brick-paved terrace, about twenty-five feet in breadth, with granite supporting walls and parapets. The materials used in the building are Freeport granite, Indiana limestone, and brick.

The main entrance consists of a loggia, in front of which, and supporting the wall above, are six Ionic columns of stone. Niches in the front wall of the building on either side of the loggia contain bronze copies, by Dr. Angelis of Naples, of the classical statues of Demosthenes and Sophocles. Pedestals on either side of the ascent to the loggia are surmounted by copies in stone of the lions of the Loggia dei Lanzi.

The entrance from the loggia is to the Sculpture Hall, occupying the central portion of the building, beneath a dome which rises to the height of forty-seven feet, and furnishes light to the apartment

## Bowdoin College

through a skylight at the top. The four tympana below the dome, each twenty-six feet in width, are filled with four paintings symbolizing the artistic achievements of Athens, Rome, Florence, and Venice, executed by Messrs. John La Farge, Elihu Vedder, Abbott Thayer, and Kenyon Cox, respectively. Casts of classical figures and groups of statuary are exhibited in this room.

The Bowdoin, Boyd, and Sophia Wheeler Walker Galleries are entered from three sides of the Sculpture Hall. The Bowdoin Gallery contains chiefly the collection of about one hundred paintings, and one hundred and fifty original drawings by old and modern masters bequeathed to the college by Honorable James Bowdoin. The Boyd Gallery contains the collection of paintings bequeathed by Colonel George W. Boyd, of the Class of 1810, with others of later acquisition, a collection of Japanese and Chinese works of art, loaned by Professor William A. Houghton, the Virginia Dox collection of objects of native American art, and collections given or loaned by Mr. George W. Hammond, Mrs. Levi C. Wade, Mr. Harold M. Sewall, and other friends of the college. The Sophia Wheeler Walker Gallery contains specimens of ancient glass, Roman sculpture, old Flemish tapestry, Oriental ivory carvings, miniatures, etc., with paintings and drawings by modern artists of the foremost rank, and a bronze relief portrait, by French, of Theophilus Wheeler Walker, — all given by the Misses Walker.

The galleries are finished in oak, and are lighted from above through large skylights. In the basement are a lecture room, a room of Assyrian sculpture, curator's and students' rooms, lavatory, etc. The building is open to visitors about five hours daily.

### THE HUBBARD LIBRARY

The library building, now in process of construction, will afford convenient and adequate accommodation for the College Library, and for its prospective growth, with reading and consultation rooms, lecture and conference rooms, administrative offices, etc. It is a gift to the college from General Thomas Hamlin Hubbard, of the Class of 1857, and his wife, Mrs. Sibyl Fahnestock Hubbard. It is about one hundred and seventy feet in length, and fifty feet in depth, with a wing in the rear, for a stack room, eighty-eight feet by forty-six. It is entirely fire-proof, the materials used in its construction being granite, Indiana limestone, brick, iron, and steel. It is of the seventeenth-century Gothic architecture, with the main entrance through a central



## The College Buildings

projecting tower, the façade being still further broken by semi-circular projections at the ends. It is situated at the southern end of the campus, fronting towards Massachusetts and Memorial Halls, and, with the buildings already mentioned, completes the campus quadrangle.

### ADAMS HALL

This hall is occupied chiefly by recitation and lecture rooms. It is built of brick, with stone trimmings, is about one hundred feet by fifty, and three stories in height. It is named in honor of the late Seth Adams of Boston, who contributed generously toward its erection. On the first floor are two recitation rooms assigned to the uses of the academical department; the second and third floors are devoted exclusively to the medical department, and contain a lecture room, an amphitheatre, a dissecting room, a room for the Seavey Anatomical Museum, a reference medical library, with ante-rooms and a registrar's office.

### THE OBSERVATORY

The Astronomical Observatory, for which the college is largely indebted to the late John J. Taylor of Fairbury, Illinois, was mainly designed for purposes of instruction. Although the smallest of the college buildings, great care was exercised in its construction, and it is supplied with a telescope mounted in a revolving turret, a transit instrument, and the usual accessories for meridian observations.

### THE SARGENT GYMNASIUM

The gymnasium, erected in 1885, is named in honor of Dr. Dudley Allen Sargent, of the Class of 1875, the first director under the system of required physical exercise. It is supplied with the most approved apparatus for gymnastic instruction, the gift of Dr. Sargent, and is provided with bath rooms and individual lockers. A part of the basement of this building and an extension in the rear are used as a central station for generating steam heat and electricity for the heating and lighting of all the college buildings.

A straight path through the pine grove in the rear of the campus leads from the gymnasium a short distance to the Whittier Athletic Field. This field, named in honor of Dr. Frank Nathaniel Whittier, the present director of the gymnasium, who was largely instrumental in the acquisition and preparation of it for athletic purposes, is about five acres in extent, and is well adapted, in all respects, for baseball, football, and track athletics.



# Bowdoin College

## The Library

The College Library contains seventy-one thousand volumes. A rapidly increasing proportion of these have been purchased to aid instruction by supplying both teachers and students with the latest books and leading periodicals in the various departments of the curriculum. Attention is also directed towards the building up of a complete and attractive library of general reference, in which the literature of the day is given its proper place, and which shall serve as an active agent in the attainment of liberal culture.

A minute classification and arrangement of the books by subjects has been made, and free access to the shelves is granted to all. The Librarian and his assistants are always ready to lend personal aid to inquirers. During term time the library is open ten hours every day except Sunday. The reading room for periodicals is also open every Sunday afternoon and evening.

Students are allowed to borrow three books at a time, and retain them, if needed, four weeks. The privileges of the library are extended, as a matter of course, to all graduates and the clergymen of the vicinity, and also to any person on recommendation of the Library Committee.

Annual accessions, which average over two thousand volumes, are made to the library by means of an appropriation of the Boards for the purpose, and from the proceeds of funds contributed by Rev. Elias Bond, D.D., John L. Sibley, A.M., Hon. Samuel H. Ayer, Dr. R. W. Wood, Mrs. John C. Dodge, Henry J. Furber, Esq., and Captain John Patten. A special collection of books relating to the Huguenots is annually increased from the income of a book fund given by George S. Bowdoin, Esq. A similar library of rhetoric and literature has been recently established by the late Captain John C. Brown, U. S. A., as a memorial of his father, Philip Henry Brown, Esq., of the Class of 1856.

The safety of these collections, as well as much needed room for their growth, has been lately insured by the gift of a fire-proof library building from General Thomas H. Hubbard, LL.D., of New York City. Besides supplying ample accommodation for future accessions, it will afford students and teachers unusual facilities for the convenient use of them in the numerous study and conference rooms assigned to the various departments of instruction.

# MEDICAL SCHOOL OF MAINE



## Faculty

REV. WILLIAM DEWITT HYDE, D.D., PRESIDENT.

ALFRED MITCHELL, A.M., M.D., DEAN, *Professor of Pathology and Practice of Medicine.*

ISRAEL THORNDIKE DANA, A.M., M.D., *Professor of Pathology and Practice of Medicine, Emeritus.*

FREDERIC HENRY GERRISH, A.M., M.D., *Professor of Anatomy.*

STEPHEN HOLMES WEEKS, A.M., M.D., *Professor of Surgery.*

CHARLES OLIVER HUNT, A.M., M.D., *Professor of Materia Medica and Therapeutics.*

FRANKLIN CLEMENT ROBINSON, A.M., *Professor of Chemistry.*

LUCILIUS ALONZO EMERY, LL.D., *Professor of Medical Jurisprudence.*

CHARLES DENNISON SMITH, A.M., M.D., *Professor of Physiology and Hygiene.*

ALBERT ROSCOE MOULTON, M.D., *Professor of Mental Diseases.*

WILLIS BRYANT MOULTON, A.M., M.D., *Clinical Professor of Diseases of the Eye and Ear.*

JOHN FRANKLIN THOMPSON, A.M., M.D., *Professor of Diseases of Women.*

CHARLES AUGUSTUS RING, A.M., M.D., *Professor of Obstetrics.*

ADDISON SANFORD THAYER, A.B., M.D., *Professor of Diseases of Children.*

FRANK NATHANIEL WHITTIER, A.M., M.D., *Professor of Pathological Histology and Bacteriology.*

## Medical School of Maine

ALFRED KING, A.B., M.D., *Instructor in, and Demonstrator of, Anatomy.*

HENRY HERBERT BROCK, A.B., M.D., *Instructor in Surgery.*

EDWARD JAMES McDONOUGH, A.B., M.D., *Instructor in Histology.*

GEORGE THOMAS LITTLE, LITT.D., LIBRARIAN.

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HON. WILLIAM LEBARON PUTNAM, LL.D., *from the Board of Trustees.*

DANIEL ARTHUR ROBINSON, A.M., M.D., *from the Board of Overseers.*

GEORGE FOSTER CAREY, A.B., *from the Board of Overseers.*

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FREDERICK CHARLES THAYER, A.M., M.D., *Visitor from the Maine Medical Association.*

WALTER TEMPLE GOODALE, A.M., M.D., *Visitor from the Maine Medical Association.*

## General Statement

The course of instruction in the Medical Department covers four years of six months each. The studies are distributed through the curriculum according to the following schedule :

FIRST YEAR: Anatomy, Histology, Physiology, Chemistry, Personal Hygiene.

SECOND YEAR: Anatomy, Physiology, Chemistry, Pathology, Bacteriology.

THIRD YEAR: Internal Medicine, Surgery, Materia Medica and Therapeutics, Obstetrics.

FOURTH YEAR: Internal Medicine, Surgery, Materia Medica and Therapeutics, Medical Jurisprudence, Public Hygiene, Diseases of Women, Diseases of Children, Diseases of the Mind, Diseases of the Skin, Diseases of the Genito-urinary System, Diseases of the Eye, Diseases of the Ear, Diseases of the Nose and Throat.

The course is strictly graded, and all of the required studies of one year must be completed before those of the next succeeding year can be entered upon.

At the end of each year an examination is held in the studies of that year, and the successful student receives a certificate from the Dean, testifying to his passage. Those who prefer to defer their examination, and those who have failed at the close of the school-year, are allowed an examination at the beginning of the next year. If, for any sufficient cause, a student is unable to be present at the time appointed for this second examination, he may be examined three weeks after the beginning of the year. Failure to pass in the studies of the fourth year will necessitate a repetition of the work of that year.

To be eligible for examination in the studies of the first year, the student must have completed a full year of professional study, and show documentary evidence to that effect; and corresponding requirements must be fulfilled before admission to the second-year and third-year examinations.

## Medical School of Maine

An examination which is not completed receives no consideration.

The students of the first and second years are instructed at Brunswick, where the school has been situated since its foundation in 1820, and where the facilities are excellent for imparting a knowledge of the primary branches. The third-year and fourth-year classes are taught in Portland, on account of the superior clinical advantages afforded in that city. The first of the two buildings designed for the use of the school, and occupied by it during the last course, furnishes ample accommodations for the advanced classes. The location of the building is on Chadwick Street, near the Maine General Hospital, in which institution nearly all of the teachers in the school are medical or surgical officers, and the directors of which are in full sympathy with the purposes of the Faculty.

While the Maine General Hospital is the chief source for the supply of clinical material for the school, Portland has a number of other institutions which will contribute to the bedside instruction of the students; and the various teachers, as opportunity permits, will show individual pupils interesting cases in their private practice.

The eighty-second annual course will begin on Thursday, December 26, 1901, and will continue twenty-six weeks.

Examinations for admission to the school will be held at 9 A. M. on Thursday, December 26, in Brunswick. Examinations for admission to advanced standing will be held at 9 A. M. on Friday, December 27, in Brunswick, for those wishing to enter the second year; and at 9 A. M. on Saturday, December 28, in Portland, for those who wish to enter the third year.

The formal introductory lecture will be delivered by Professor Whittier, in Memorial Hall, Brunswick, on Monday, December 30, at 3 P. M.

The systematic courses of instruction will begin on Tuesday morning, December 31.

On arriving in Brunswick, students should apply at the office of the Dean, in Adams Hall, enter their names, receive directions concerning their examinations, if any are needed, pay their fees, and be advised as to boarding places.

In Portland they should apply at the office in the medical building for the same purposes. Dr. Charles O. Hunt will act as Deputy Dean.



# Expenses

## EXPENSES

FOR INSTRUCTION: In each of the required four years, \$100. Those who matriculated prior to 1899, however, will be required to pay only those fees which were in vogue on their admission to the school, namely, \$78 for their second course, and \$50 for their third course.

FOR EXAMINATIONS: Payable at the end of the first year —

In Anatomy . . . . .	\$5 00
In Physiology . . . . .	5 00
In Chemistry . . . . .	5 00

Payable at the close of the term of instruction in

Obstetrics, for examination in this branch,	5 00
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These four fees are credited on the diploma or graduation fee.

For every re-examination in any of the above studies, \$3.00.

This fee is not credited on the diploma fee.

For examination or re-examination in any branch, at a time not regularly appointed, a fee of \$5.00 must be paid, in addition to the prescribed fee for that examination.

MISCELLANEOUS: The matriculation fee of \$5.00 is required of every student each year.

For materials used in the chemical laboratory courses, about \$2.50 per year.

For materials used in the bacteriological laboratory, about \$2.00.

For anatomical material, its cost.

For graduation fee (not returnable), including the parchment diploma, \$25.00. This will have been nearly paid in the examination fees in the previous years.

Graduates of other schools, who have been engaged three years in the regular practice of medicine, may receive a general ticket upon presentation of their diplomas and payment of the matriculation fee. Graduates of other schools are not eligible for a degree from this school without attendance upon a full course of instruction immediately preceding the examination for such a degree.

All fees must be paid in cash and strictly in advance.

Board and lodging cost from \$3.00 to \$5.00 a week.

# Medical School of Maine

## REQUIREMENTS FOR ADMISSION

Applicants for admission will be required to give evidence that they possess a good English education. Unless they present diplomas or entrance tickets as provided below, they must pass examinations in the following subjects :

**ENGLISH.** Spelling, writing, construction of sentences, and English grammar.

**ARITHMETIC.** As represented in the larger common school text-books.

**ALGEBRA.** Including addition, subtraction, multiplication, division, factoring, and simple equations ; as much, for example, as is contained in the first eleven chapters of Wentworth's "New School Algebra."

**GEOMETRY.** Including at least three books of some standard Plane Geometry, such as Wells's or Wentworth's.

**HISTORY OF THE UNITED STATES.** To the extent afforded in the ordinary school history, such as Montgomery's.

**PHYSICS.** As presented in any standard school text-book, such as Gage's "Elements of Physics," or Dolbear's "Natural Philosophy." This requirement cannot well be met with less than a year's study in some good school, where the illustrative experiments are required to be performed.

**CHEMISTRY.** As much as is covered in some standard school chemistry, as Remsen's or Storer and Lindsay's. As in the case of Physics, this requirement cannot well be met with less than a year's study in some school provided with a laboratory where illustrative experiments have been performed by the student. These experiments should include elementary qualitative analysis. Candidates should present note-books giving accounts of experiments performed, which books must be certified by the teacher.

**LATIN.** Including sight-reading of easy Latin, a knowledge of the construction of Latin sentences, and the reading of some standard Latin author, as Cæsar or Virgil. At least two years should have been spent in the study of Latin in some good school.

Graduates of Colleges, Normal Schools, High Schools, or Acade-

## Graduation

mies, and students who have passed the entrance examination of any recognized college, will be exempt from examination on presentation of their diplomas or matriculation tickets, provided that their previous studies have included Latin, Chemistry, and Physics, to an extent not less than herein prescribed; but if their previous studies have not included Latin, Chemistry, and Physics, to the required extent, they must be examined upon these branches. Their diplomas or matriculation tickets will exempt them from examination in the other branches. In the reception of diplomas and tickets, business colleges are not recognized.

Students from other schools who apply for advanced standing must comply with the requirements for admission to the first year; must give satisfactory evidence that they have completed a course or courses of instruction equivalent in kind and amount to that in this school preceding the year to which admission is sought; and must pass examinations in all of the branches previously pursued by the class which they wish to enter. Certificates of the passage of examination in other schools are not accepted in lieu of examinations.

### GRADUATION

A candidate must be twenty-one years of age, and must have devoted to his professional studies four years, including a course of instruction in each of these years in some reputable, regular, incorporated medical institution; and the last course previous to examination must have been in this school. As evidence of his study when not in attendance upon such a school, he must present to the Dean the certificate of a regular and reputable practitioner of medicine. He must present a satisfactory certificate of good moral character from a citizen of the place in which he resides. He must also pass a satisfactory examination in the required studies, previously specified, and present a thesis on some medical subject, a fair copy of which must be handed to the Dean at least ten days before the beginning of the final examinations.

The requirement of four years of study and four courses of instruction will not be enforced in the case of those students who were matriculated in this school prior to June, 1899. Such students will be permitted to graduate on the terms hitherto in vogue, namely, three years of study, and a course of instruction in each. But all who matriculated after June, 1899, will come within the scope of the new requirements.

# Medical School of Maine

Time spent in pharmacy, in dental and veterinary institutions, and in preparatory schools does not entitle a student to examination for advanced standing.

A student who has received the degree of A.B., B.S., or any similar degree after four years of study in a recognized college or technical school, may, if his studies have included a satisfactory amount of Chemistry, Physics, and Biology, be admitted as a second-year student; but when so admitted, he cannot gain third-year standing until he has passed satisfactory examinations in the studies of the first and second years.

## METHODS OF INSTRUCTION

In order to give to prospective students an idea of the facilities presented by this institution for acquiring a knowledge of the science and art of medicine, a brief statement is here made of the scope of the work in each department, and the methods adopted for imparting instruction.

**ANATOMY.** The course in this branch covers two years. In the early part of the first year the elementary tissues are studied, both in the lecture room and the histological laboratory. Then the viscera (including the cerebro-spinal axis and the organs of the special senses) are taken up in such order as will enable the student to become acquainted with the structure of each organ before its function is treated of by the professor of physiology. At the same time with this work the subjects of osteology and arthrology are pursued. All of these exercises are illustrated by casts, models, fresh and preserved specimens, and free-hand blackboard drawings. Illustrative teaching is very greatly facilitated and enriched by the generous gift of Azoux's complete model of a man from Hon. John Fremont Hill, Governor of our State and a graduate of the school in the Class of 1877. Some subjects are treated by lectures; but the recitation method has the more prominent place. Four hours of didactic exercises a week are given to the first-year work, and the afternoons for some weeks are devoted to microscopic work. The school provides a large number of microscopes; but students owning microscopes will find it advantageous to bring them.

The second year in Anatomy is devoted to the remainder of systematic anatomy and to relational anatomy. Myology is taken first, and the student must be able to recognize the muscles in the part which he

## Methods of Instruction

is to dissect before he is allowed to work on the cadaver. Two dissections on different parts are required, and students are encouraged to dissect as much more as is possible. Surface anatomy is illustrated upon the living model, upon which, also, the students are required to make demonstrations. In the examinations at the close of the year, demonstrations upon the dissected subject are a prominent feature.

Before coming to the school students can do much to equip themselves for appreciation of human anatomy by making systematic dissections of some lower animals; and to this end they are earnestly advised to follow faithfully the directions prescribed in "Physiology Practicums," which will be sent post-paid for one dollar by the author, Prof. B. G. Wilder, Ithaca, N. Y. Useful books in the same line are Wilder and Gage's "Anatomical Technology," Foster and Langley's "Practical Physiology," and Huxley and Martin's "Biology."

The Anatomical Museum, previously well supplied with wet and dry specimens, casts and models in plaster, wax, and papier maché, has recently been enriched by a large importation from Germany, which adds greatly to the means for instruction.

**PHYSIOLOGY.** Instruction in this department is conducted with a view to the practical application of the facts of Physiology to the needs of the student in his study of the diagnosis and treatment of disease, and demonstrations and experimental teaching are employed as far as they can be made to serve this end.

In the first year the work will be devoted to the functions of nutrition and reproduction; in the second year, to the functions of relation. A portion of the hours will be devoted to text-book recitations.

If a student presents a certificate of having completed two full years of medical study, or of having pursued approved courses in this branch in a reputable college or technical school, he may be examined at the end of his first year in this school upon the physiological studies of the second year, as well as upon those of the first year.

**CHEMISTRY.** The chemical course extends through the first two years. In the first year inorganic preparations, toxicology, and the simpler parts of organic chemistry are taken up. Two exercises a week are held of one hour each, except when laboratory work or a quiz is given, when additional time may be taken.

In the second year, the course includes urinary analysis and diagnosis, and continuation of organic chemistry, to include carbo-

## Medical School of Maine

hydrates, fats and oils, proteids, alkaloids, and medicinal substances derived from coal-tar. The time is substantially the same as in the first year.

At the end of each year examinations are held, and the results of these, taken in connection with the laboratory work and quizzes, determine whether or not the work has been satisfactorily completed.

Students who satisfy the professor of chemistry that they have pursued courses of chemical study similar to either of the above may be examined by him at the beginning of the term, and, if the examination is satisfactory, they will be excused from attendance upon the courses in question.

The Chemical Department possesses all the apparatus essential to the complete illustration of the principles of Chemistry. The laboratories in the Mary Frances Searles Science Building furnish unsurpassed advantages for special courses in analytical chemistry, urinary analysis, and toxicology. These courses are compulsory, and will be entered upon immediately after the close of the dissecting season.

**OBSTETRICS.** The instruction in this branch is given by lectures, recitations, and quizzes, illustrated by models, manikins, and actual specimens.

**PATHOLOGY AND THE PRACTICE OF MEDICINE.** Instruction will be given by means of lectures, by regular and systematic quizzes upon these lectures, and by charts. Especial attention will be given to the study of methods of physical diagnosis.

A medical clinic will be held by the professor at the Hospital every Thursday, at 9 A.M., the material being furnished by the visiting physicians from the abundant resources of their wards, and by all members of the Faculty as they have cases of interest which can be utilized for the illustration of subjects under treatment in the didactic course. The visiting physicians will hold additional clinics as opportunity occurs. Definite announcements of these exercises will be seasonably made.

**BACTERIOLOGY AND PATHOLOGICAL HISTOLOGY.** *A. Bacteriology.*—The course consists of lectures and laboratory work. In the laboratory course, each student is required to cultivate upon three media ten varieties of pathogenic bacteria, to make stained microscopical preparations of each variety, and to study with the microscope the living organisms in hanging drop preparations. Special attention is



## Methods of Instruction

given to the examination of sputum for tubercle bacilli, to the diagnosis of diphtheria by means of making smears from suspected throats on Löffler's blood-serum mixture, to the technic of the serum diagnosis of typhoid fever, and to methods of staining gonorrhœal pus.

*B. Pathological Histology.*—The course consists of lectures and laboratory work. The first half of the course is devoted to the study of inflammations excited by chemical and bacterial causes. It includes the pathological histology of tuberculosis, diphtheria, pneumonia, etc. The second half of the course is devoted mainly to the study of tumors.

In the laboratory course each student is required to make stained microscopical preparations illustrating the disease processes studied. These preparations become the property of the student and are preserved for reference. Many of these preparations are made from tissues obtained at the surgical clinics, and thus show the pathology of cases previously observed.

**SURGERY.** The entire field of Surgery is covered by the instruction in this department, excepting those portions coming under the heads of gynæcology, ophthalmology, and otology. The didactic lectures are supplemented by ample bedside teaching. A clinic will be held every Saturday, from 10 to 12 A.M., at the Hospital, the visiting surgeons of which place at the disposal of the professor whatever material in their wards he desires for illustration of the topics which he has in hand.

In addition to these systematic clinics, students have the privilege of witnessing operations almost every day at the Hospital, and these will be explained and made as useful as possible by the surgeons. Opportunity will be given to observe the after-treatment and subsequent progress of the cases, sections of the class being permitted to visit the wards under the guidance of the surgeons on duty.

Minor and operative surgery receive due attention, and the most practical character is given to the instruction, the students being required to apply bandages and other dressings, and to perform operations upon the cadaver under the direct supervision of the instructor.

**MATERIA MEDICA AND THERAPEUTICS.** The instruction in Materia Medica and Therapeutics will be given by lectures and quizzes. A practical exercise in prescription writing will be given every week, by which the student will be taught not only to write the prescription correctly, but to prescribe correctly for given conditions.



# Medical School of Maine

**MEDICAL JURISPRUDENCE.** The instruction in Medical Jurisprudence will be directed mainly to an exposition of the legal duties and responsibilities of physicians and surgeons to their patients, and also to their character and position as medical expert witnesses in courts of justice. Practical suggestions will be given for guidance in both respects.

**GYNÆCOLOGY.** Didactic and clinical instruction will be combined in the department of diseases of women. Clinics on Tuesday at 9 A.M. Abundant opportunities will be given to examine patients whose diseases come within the scope of this department. The various methods of diagnosis and treatment will be demonstrated.

**DISEASES OF CHILDREN.** The instruction in this department will be given chiefly by lectures and recitations, and will also include clinical exercises and demonstrations.

**MENTAL DISEASES.** The professor of this department is chief medical officer of the Pennsylvania Hospital for the Insane. Especial efforts are made to instruct the students in the early recognition of insanity, with a view to the institution of treatment at the time when it is most productive of good results.

**OPHTHALMOLOGY AND OTOTOLOGY.** A weekly clinic in diseases of the eye and ear will be held at the Hospital on Saturday, at 11 A.M. The various diseases will be described as cases illustrating them are available for demonstration; operations will be performed when required; and other treatment applied as may be necessary.

**PUBLIC HYGIENE.** Instruction in the form of lectures is given by the President of the State Board of Health on the principles of public sanitation, the source and character of public water supplies, and the collection and disposal of waste, with especial reference to preventable diseases. Several hours are devoted to sanitary legislation, and the relations and obligations of the practising physician to the public and to health boards, in the management of infectious diseases.

## THE LIBRARY

The Library of the Medical School, containing 3,700 volumes, has been combined with that of the college, which numbers 70,000 volumes. Both collections are under the same administration and are

## Text-Books

at the service of the medical students. The more recently published medical works and current numbers of professional journals are kept in a separate room in the main library building for their especial use. It is not the policy of the school to furnish text-books through its Library, or to buy largely in medical literature ; yet, by means of the catalogue of the Library of the Surgeon-General's office and the system of inter-library loans, the Librarian is able to procure for use in serious investigation almost any book that may be desired.

### Text-Books

ANATOMY. Gerrish. For reference, Quain.

PHYSIOLOGY. For recitation work, Blakiston's edition of Kirke's. For reference, Landois and Stirling, Foster, Dalton, Howell's "The American Text-book of Physiology."

CHEMISTRY. For general reference, Simon, Bartley, Pellew. For reference in urinary analysis, Purdy, Black, Tyson. For use in laboratory, Robinson's "Qualitative Chemical Analysis."

PUBLIC HYGIENE. For reference, Coplin and Bevan, Rohe, Parke's "Practical Hygiene."

MATERIA MEDICA AND THERAPEUTICS. Hare, White and Wilcox, H. C. Wood, Butler.

PRACTICE OF MEDICINE. Osler, Thompson, Anders, Eichhorst, DaCosta's "Medical Diagnosis." Simon's "Clinical Diagnosis." Ewing on the Blood.

PHYSICAL DIAGNOSIS. Cabot, Tyson.

BACTERIOLOGY. For reference, Abbott, Muir and Richie, McFarland, Levy and Klemperer.

PATHOLOGY. For reference, Ziegler, Mallory Wright, Coplin, Green.

SURGERY. "The American Text-book of Surgery." DaCosta's "Modern Surgery." Dennis's "System of Surgery." Park's "Treatise on Surgery." Bryant's "Operative Surgery." "The International Text-book of Surgery." Shurley's "Diseases of Nose and Throat." Warren's "Surgical Pathology and Therapeutics." Whar-

## Medical School of Maine

ton and Curtis's "The Practice of Surgery." Roberts's "Modern Surgery." Phelps's "Traumatic Injuries of the Brain."

OBSTETRICS. "American Text-book of Obstetrics," Hirst, Jewett, Dorland.

DISEASES OF WOMEN. Kelley (2 vols.), Pozzi (2 vols), E. C. Dudley, Robb's "Gynæcological Technique," Garrigues.

MEDICAL JURISPRUDENCE. Taylor with Bell's Notes, Ewell.

DISEASES OF THE EYE. Nettleship, Swanzay, DeSchweinitz.

DICTIONARIES. Dorland (Illustrated), Duane.

ALUMNI ASSOCIATIONS AND SPECIAL  
FITTING SCHOOLS



## Alumni Associations

### THE GENERAL ASSOCIATION

*President*, JAMES MCKEEN, LL.D.; *Vice-President*, FRANKLIN CONANT PAYSON, Esq.; *Secretary and Treasurer*, MR. GEORGE T. LITTLE, Brunswick, Me.

### ASSOCIATION OF BOSTON

*President*, PROF. ALFRED E. BURTON, C.E.; *Secretary*, WILLIAM GARDNER REED, Esq., 423 Tremont Building, Boston, Mass.

### ASSOCIATION OF NEW YORK

*President*, WILLIAM J. CURTIS, Esq., A.M.; *Secretary*, DR. FREDERICK HENRY DILLINGHAM, 76 West 85th Street, New York City.

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*President*, DR. FREDERICK HENRY GERRISH; *Secretary*, ARTHUR M. BELCHER, Esq., Portland, Me.

### ASSOCIATION OF FRANKLIN COUNTY

*President*, SAMUEL CLIFFORD BELCHER, Esq., A.M.; *Secretary*, GEORGE COLBY PURINGTON, A.M., Farmington, Me.

# Bowdoin College

## ASSOCIATION OF OXFORD COUNTY

*President*, HON. ADDISON E. HERRICK, A.M.; *Secretary*, FRANK KIMBALL, Esq., Norway, Me.

## KENNEBEC ALUMNI ASSOCIATION

*President*, HON. HERBERT M. HEATH; *Secretary*, J. CLAIR MINOT, Augusta, Me.

## BANGOR ALUMNI ASSOCIATION

*President*, HON. SAMUEL FISHER HUMPHREY, A.M.; *Secretary*, DR. BERTRAM LEWIS BRYANT, A.M., Bangor, Me.

## ALUMNI RECORD

It is desired to keep as full a record as possible of the residences, occupations, and public services of the alumni. Information is solicited in regard to these points, and also in regard to matters appropriate to the obituary record annually published by the college.

Communications should be addressed to the College Librarian.

## Special Fitting Schools

The schools noticed on the following pages have been constituted special Fitting Schools for Bowdoin College by the action of their several Boards of Trustees, in concurrence with the College Boards. They are annually examined by representatives of the college. Graduates of the schools, however, are required to pass the regular college entrance examinations for admission, at the same dates and under the same conditions as are prescribed for students of other preparatory schools who take their examinations elsewhere than in Brunswick.



# Special Fitting Schools

## FRYEBURG ACADEMY

Fryeburg, Me.

INCORPORATED FEBRUARY 9, 1792.

CHARLES GLIDDEN WILLARD, A.B., *Principal*.

This school offers three courses of study:

- I. A College Preparatory Course, of four years.
- II. An Academic Course, of four years.
- III. An English and Normal Course, of four years.

## EXPENSES

TUITION. The cost of tuition is \$7.00 per term.

BOARD. The cost of board is from \$3.00 to \$4.00 a week, including fuel, lights, and washing. Rooms in private houses may be obtained at from 30 to 50 cents a week. Board in clubs, if desired, can be had at very cheap rates.

## CALENDAR

Fall Term of 14 weeks, began September 10, 1901.

Winter Term of 12 weeks, begins December 31, 1901.

Spring Term of 11 weeks, begins April 1, 1902.

*Examiner appointed by the college for 1902: Algernon Sidney Dyer, A.M.*

## WASHINGTON ACADEMY

East Machias, Me.

INCORPORATED MARCH 7, 1792.

ARCHIE SHERMAN HARRIMAN, A.B., *Principal*.

This academy offers two courses of study:

- I. A College Preparatory Course, of four years.
- II. An English Scientific Course, of four years.

# Bowdoin College

## EXPENSES

**TUITION.** As the income of the endowment fund pays most of the expenses of the school, the tuition fee is only \$5.00 a term, which covers all expenses.

**BOARD.** The cost of board does not exceed \$3.50 a week. Rooms can be obtained at reasonable rates by those who wish to board themselves.

## CALENDAR

Fall Term of 15 weeks, began September 2, 1901.

Winter Term of 13 weeks, begins December 9, 1901.

Spring Term of 11 weeks, begins March 17, 1902.

*Examiner appointed by the college for 1902:* Professor Guy Stevens Callender.

## LINCOLN ACADEMY

Newcastle, Me.

INCORPORATED FEBRUARY 23, 1801.

GEORGE HOWARD LARRABEE, A.M., *Principal*.

This school offers three courses of study:

- I. A College Preparatory Course, of four years.
- II. An Academic Course, of four years.
- III. An English and Business Course, of four years.

## EXPENSES

**TUITION.** Fall and Spring Terms, \$6.00 to \$7.00; Winter and Summer Terms, \$4.00 to \$5.00.

**BOARD.** Board can be obtained at from \$3.00 to \$4.00 per week. Rooms for self-boarding may be secured at reasonable rates.

# Special Fitting Schools

## CALENDAR

Fall Term of 11 weeks, began September 9, 1901.

Winter Term of 8 weeks, begins December 2, 1901.

Spring Term of 11 weeks, begins February 3, 1902.

Summer Term of 8 weeks, begins April 28, 1902.

*Examiner appointed by the college for 1902:* Professor William Albion Moody.

## THORNTON ACADEMY

Saco, Me.

INCORPORATED FEBRUARY 16, 1811.

EDWIN PRESCOTT SAMPSON, A.M., *Principal.*

This academy offers three full preparatory courses :

- I. An English or Scientific Course, of four years.
- II. A Classical Course, of four years.
- III. A Business Course, of four years.

## EXPENSES

**TUITION.** Tuition in each course is \$10.00 a term, payable in advance. Those desiring to take special studies will be charged \$5.00 a term for each study.

**BOARD.** Board can be obtained in the city at from \$3.00 to \$6.00 a week.

## CALENDAR

Fall Term began September 16, 1901.

Winter Term begins January 6, 1902.

Spring Term begins April 7, 1902.

Fall Term begins September 15, 1902.

*Examiner appointed by the college for 1902:* Professor Charles Clifford Hutchins.







Thomas Arkle Clark

CATALOGUE of  
BOWDOIN  
COLLEGE

*& the Medical School of Maine*  
FOR THE YEAR 1902-1903



BRUNSWICK, MAINE  
*Printed for the College* • MDCCCCII



PUBLICATIONS OF BOWDOIN COLLEGE, NEW  
SERIES, No. 5. These publications include the Annual Catalogue  
of the College and of the Medical School of Maine, the Annual  
Report of the President, of the Treasurer, and of the Librarian,  
the Obituary Record, and the Bibliographical Contributions.

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UNIVERSITY PRESS • JOHN WILSON  
AND SON • CAMBRIDGE, U. S. A.

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## Calendar

### BOWDOIN COLLEGE

1902

- September 25 . . First Term began — Thursday at 8.20 A. M.  
Nov. 26 to Dec. 1 . Thanksgiving Recess — 12.30 A. M., Wednesday  
to 8.20 A. M., Monday.  
Dec. 17 to 23 . . Examinations of the First Term — Wednesday  
to Tuesday.

*Vacation from December 23 to 8.20 A. M., January 6.*

1903

- February 23 . . . Monday succeeding Washington's Birthday: a  
holiday.  
March 30 to April 3 Examinations of the Second Term — Monday  
to Friday.

*Vacation from April 3 to 7.50 A. M., April 14.*

- April 30 . . . . "Class of 1868" Prize Speaking — Thursday,  
8 P. M.  
May 30 . . . . Memorial Day: a holiday — Saturday.  
June 12 . . . . Ivy Day Exercises — Friday.  
June 12 and 13 . . Entrance Examinations at Preparatory Schools  
— Friday and Saturday.  
June 15 to 19 . . Examinations of the Third Term — Monday to  
Friday.  
June 21 . . . . Baccalaureate Sermon — Sunday, 4 P. M.  
June 22 . . . . Sophomore Prize Declamation — Monday, 8 P. M.  
June 23 . . . . Class Day Exercises — Tuesday, 10 A. M., 3  
P. M., and 8 P. M.  
June 24 . . . . Dedication of Hubbard Hall — Wednesday.  
Annual Meeting of the Phi Beta Kappa Society.  
The President's Reception — 8 to 10 P. M.  
June 25 . . . . Annual Meeting of the Alumni Association —  
Thursday, 9 A. M.  
The Commencement Exercises — 10.30 A. M.  
Commencement Dinner — 12.30 P. M.

# Bowdoin College

June 26 and 27 . . Entrance Examinations in Brunswick — Friday and Saturday.

*Summer Vacation of Thirteen Weeks.*

Sept. 21 to 23 . . Entrance Examinations in Brunswick — Monday to Wednesday.

September 24 . . First Term begins — Thursday at 8.20 A. M.

## MEDICAL SCHOOL OF MAINE

1902

December 25 . . Entrance Examinations for First Year Students; in Brunswick — Thursday, 9 A. M.

December 26 . . Examinations for Admission to Advanced Standing. For Admission to the Second Year, Examinations are in Brunswick as follows: Anatomy at 9 A. M., Physiology at 2 P. M., Friday.

December 27 . . Examinations for Admission to Advanced Standing. For Admission to the Third Year, Examinations are in Portland as follows: Anatomy at 9 A. M., Physiology at 2 P. M., Saturday.

1903

January 1 . . . . New Year's Day: a holiday — Thursday.

February 23 . . . Monday succeeding Washington's Birthday: a holiday.

*Recess from noon of the Wednesday immediately preceding Fast Day to the morning of the Tuesday next following.*

May 30 . . . . Memorial Day: a holiday — Saturday.

June 15 to 24 . . Final Examinations — Monday to Wednesday of the next week, both inclusive.

June 25 . . . . The Commencement Exercises — Thursday, 10.30 A. M.

December 24 to 27 Entrance Examinations; Examinations for Admission to Advanced Standing — Thursday to Saturday.

# BOWDOIN COLLEGE

**B**OWDOIN COLLEGE was incorporated by the General Court of Massachusetts, upon the joint petition of the Association of Ministers and the Court of Sessions of Cumberland County. The act of incorporation was signed by Governor Samuel Adams, June 24, 1794.

The college was named in honor of James Bowdoin, a grandson of the Huguenot refugee, Pierre Baudouin, who fled from the religious persecution that followed the revocation of the Edict of Nantes, and, in 1687, made a home for himself on the shores of Casco Bay, in what is now the city of Portland. In the next generation the family name was anglicized, and the grandson, James Bowdoin, was born in Boston, which had become the family home, and was graduated from Harvard College in 1745.

He was a staunch and influential supporter of the movement for American independence, a member for many years of the Council, or senate, of the colonial legislature, a delegate to the first Continental Congress in Philadelphia, president of the Provincial Council, and a close personal friend of Washington. He was also the president of the convention which framed the Constitution of Massachusetts, and was, subsequently, for two terms Governor of the State. In addition to his civil honors he received honorary academic degrees from Harvard, from the University of Pennsylvania, and from the University of Edinburgh; he was a member of various foreign societies, the first president of the American Academy of Arts and Sciences, and a valued friend and correspondent of Benjamin Franklin.

The earliest patron of the college was the Honorable James Bowdoin, son of the Governor. He was graduated from Harvard College in 1771, and subsequently studied at the University of Oxford. In President Jefferson's administration he was appointed successively Minister Plenipotentiary at the Court of Spain, and Associate Minis-

## Bowdoin College

ter at the Court of France. During his residence abroad he accumulated a valuable library, a collection of paintings and drawings by old and modern masters, a cabinet of minerals and fossils, together with models of crystallography, all of which he bequeathed to the college. During his lifetime he gave land, money, and apparatus to the college, and at his death it became, by will, his residuary legatee.

Circumstances delayed the opening of the college for several years after its incorporation; but in 1802, a substantial brick building having been erected for its accommodation, the first president was inaugurated, and the work of instruction was begun. The college was established, and has been maintained, under the general patronage of the Congregational churches, but its instruction, government, and administration are, and have always been, unsectarian. The government of the college is vested in two concurrent Boards, the Trustees and the Overseers, and since 1870 one-half the vacancies occurring in the Board of Overseers have been filled from nominations by the body of the alumni.

The Medical School dates from 1820, when it was incorporated by the first legislature of the new State of Maine, and made a department of Bowdoin College.

At the Commencement of 1894 the one hundredth anniversary of the incorporation of the college was celebrated with appropriate exercises, and at that time the academical, medical, and honorary graduates numbered, together, four thousand three hundred and sixty-five; and another thousand was made up of those who had studied in the college without taking a degree, and of those who were undergraduates in that anniversary year.



Thomas Arkle Clark

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\* The residence is in Brunswick, except as otherwise stated.

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OFFICE HOURS: 9 to 12, 2 to 4; Saturdays, 9 to 12.
- SAMUEL BENSON FURBISH, B.S., *Treasurer's Assistant.* 10 Cumberland Street.
- ISAIAH HACKER SIMPSON, *Superintendent of Buildings and Grounds.* 8 McKeen Street.
- FRANK HAYDEN WHITMORE, A.B., *Assistant Librarian.* 11 Pleasant Street.
- GEORGE LOTHROP LEWIS, A.B., *Assistant in the Library.* 7 McKeen Street.
- EDITH JENNEY BOARDMAN, *Assistant in the Library.* 2 High Street.
- FRANCES PLUMMER MORSE, *Assistant Registrar.* 31 Cumberland Street.
- CAROLINE TILLSON ROBINSON, *Assistant Curator of the Art Collections.* 256 Maine Street.

# STUDENTS

## Undergraduates

### SENIORS — Class of 1903

ABBREVIATIONS : A. H., Appleton Hall ; M. H., Maine Hall ; W. H., Winthrop Hall.

Name	Residence	Room
Abbott, Edward Farrington . . .	<i>Auburn</i> . . . . .	22 A. H.
Andrews, Ralph . . . . .	<i>Kennebunk</i> . . . . .	25 W. H.
Barrows, Harris Clark . . . . .	<i>Augusta</i> . . . . .	28 W. H.
Bisbee, Robert Calvin . . . . .	<i>Bethel</i> . . . . .	B. Θ. Π. House.
Blanchard, Merrill . . . . .	<i>Maynard, Mass.</i> . . . . .	B. Θ. Π. House.
Clifford, Philip Greely . . . . .	<i>Portland</i> . . . . .	Ψ. Υ. House.
Coffin, Philip Owen . . . . .	<i>Brunswick</i> . . . . .	Coffin St.
Conners, Charles Patrick . . . . .	<i>Bangor</i> . . . . .	11 W. H.
Dana, Luther . . . . .	<i>Westbrook</i> . . . . .	22 A. H.
Dunlap, Edward Augustus, Jr. . .	<i>Brunswick</i> . . . . .	27 Federal St.
Emery, Barton Comstock . . . . .	<i>Saco</i> . . . . .	8 M. H.
Farley, Henry Garfield . . . . .	<i>Portland</i> . . . . .	23 W. H.
Farnsworth, George Bourne . . .	<i>Bethel</i> . . . . .	27 A. H.
Fuller, Carl Spencer . . . . .	<i>Lewiston</i> . . . . .	3 M. H.
Gray, Samuel Braley . . . . .	<i>Oldtown</i> . . . . .	Δ. Κ. Ε. House.
Greene, John Adolph . . . . .	<i>Coplin</i> . . . . .	6 M. H.
Harlow, John Alfred . . . . .	<i>Brewer</i> . . . . .	B. Θ. Π. House.
Harris, Philip Talbot . . . . .	<i>E. Machias</i> . . . . .	A. Δ. Φ. House.
Havey, Andy Percy . . . . .	<i>W. Sullivan</i> . . . . .	Δ. Κ. Ε. House.
Hellenbrand, Ralph Wellington .	<i>Oldtown</i> . . . . .	Δ. Κ. Ε. House.
Holt, Albert Perry . . . . .	<i>N. Billerica, Mass.</i> . . . . .	A. Δ. Φ. House.
Houghton, William Morris . . . .	<i>Brunswick</i> . . . . .	264 Maine St.
Jones, Harris Allen . . . . .	<i>Portland</i> . . . . .	Ψ. Υ. House.
Larrabee, Sydney Bartels . . . .	<i>Portland</i> . . . . .	Ψ. Υ. House.
Lawrence, Franklin . . . . .	<i>Portland</i> . . . . .	Ψ. Υ. House.
Libby, George, Jr. . . . .	<i>Boston, Mass.</i> . . . . .	27 M. H.

# Bowdoin College

Name	Residence	Room
Marshall, Farnsworth Gross . . .	<i>Portland</i> . . . . .	19 M. H.
Martin, Selden Osgood . . . . .	<i>Foxcroft</i> . . . . .	30 M. H.
McCormick, Donald Edward . . .	<i>Boothbay Harbor</i> . . . . .	28 W. H.
Merrill, Edward Folsom . . . . .	<i>Skowhegan</i> . . . . .	31 M. H.
Mitchell, John Lincoln . . . . .	<i>Brunswick</i> . . . . .	Ψ. T. House.
Moody, Edward Fairfield . . . . .	<i>Portland</i> . . . . .	23 A. H.
Moore, Edward Whiteside . . . . .	<i>Champlain, N. Y.</i> . . . . .	28 M. H.
Munro, Daniel Colin . . . . .	<i>Gardiner</i> . . . . .	16 W. H.
Nutter, Irving Wilson . . . . .	<i>Bangor</i> . . . . .	Δ. K. E. House.
Peabody, Henry Adams . . . . .	<i>Portland</i> . . . . .	24 M. H.
Perkins, James Blenn . . . . .	<i>Bath</i> . . . . .	29 W. H.
Perkins, Niles Lee . . . . .	<i>Augusta</i> . . . . .	19 M. H.
Phillips, Moses T. . . . .	<i>S. Brewer</i> . . . . .	B. Θ. Π. House.
Pierce, Grant . . . . .	<i>Fairfield Center</i> . . . . .	216 Maine St.
Pratt, Harold Boswell . . . . .	<i>Brooklyn, N. Y.</i> . . . . .	Ψ. T. House.
Preble, Paul . . . . .	<i>Auburn</i> . . . . .	14 M. H.
Ridlon, Joseph Randall . . . . .	<i>Gorham</i> . . . . .	30 W. H.
Riley, Thomas Harrison, Jr. . . .	<i>Brunswick</i> . . . . .	46 Pleasant St.
Robinson, Clement Franklin . . .	<i>Brunswick</i> . . . . .	214 Maine St.
Sabin, George Shaw . . . . .	<i>Portland</i> . . . . .	Ψ. T. House.
Shaughnessy, Michael James . . .	<i>Brockton, Mass.</i> . . . . .	27 W. H.
Shaw, Charles Carroll . . . . .	<i>Cumberland Center</i> . . . . .	23 W. H.
Simpson, Scott Clement Ward . . .	<i>Portland</i> . . . . .	26 M. H.
Smith, Bertram Louis . . . . .	<i>Patten</i> . . . . .	Δ. K. E. House.
Smith, Carl Williams . . . . .	<i>Portland</i> . . . . .	Δ. K. E. House.
Spollett, Frederick William . . .	<i>Brunswick</i> . . . . .	42 Federal St.
Stover, George Hinkley . . . . .	<i>Brunswick</i> . . . . .	49 Pleasant St.
Thompson, Herbert Ellery . . . . .	<i>Sebago Lake</i> . . . . .	15 W. H.
Towne, Frank Ernest . . . . .	<i>Kennebunkport</i> . . . . .	8 W. H.
Towne, Winfield Chester . . . . .	<i>Kennebunkport</i> . . . . .	8 W. H.
Walker, Leon Valentine . . . . .	<i>Oxford</i> . . . . .	27 A. H.
Webber, Harrie Linwood . . . . .	<i>Auburn</i> . . . . .	14 M. H.
Welch, Francis Joseph . . . . .	<i>Portland</i> . . . . .	25 A. H.
Wells, Theodore Walter . . . . .	<i>Portland</i> . . . . .	16 A. H.
White, Thomas Carter . . . . .	<i>Lewiston</i> . . . . .	A. Δ. Φ. House.
Whitmore, Leonard Cecil . . . . .	<i>Brunswick</i> . . . . .	B. Θ. Π. House.
Woodbury, Malcolm Sumner . . .	<i>Woodfords</i> . . . . .	28 A. H.

# Students

## JUNIORS — Class of 1904

Name	Residence	Room
Archibald, Bernard . . . . .	<i>Houlton</i> . . . . .	Δ. K. E. House.
Beane, Emery Oliver . . . . .	<i>Hallowell</i> . . . . .	8 M. H.
Beverage, Henry Eugene . . . . .	<i>Thomaston</i> . . . . .	25 A. H.
Bridgham, John Merrill . . . . .	<i>Dexter</i> . . . . .	Δ. K. E. House.
Brigham, Ernest Lord . . . . .	<i>Kennebunk</i> . . . . .	5 M. H.
Bryant, Myrton Andrew . . . . .	<i>Cumberland Mills</i> . . . . .	32 A. H.
Burpee, George William . . . . .	<i>Houlton</i> . . . . .	7 A. H.
Byram, Frank Harold . . . . .	<i>Freeport</i> . . . . .	8 A. H.
Campbell, Gilman Hutchins . . . . .	<i>S. Portland</i> . . . . .	29 M. H.
Chase, Millard Filmore . . . . .	<i>Brooks</i> . . . . .	Δ. K. E. House.
Chase, Thomas Emerson . . . . .	<i>Auburn</i> . . . . .	31 A. H.
Clark, Philip Maclean . . . . .	<i>Portland</i> . . . . .	24 M. H.
Coan, William Frederick . . . . .	<i>Auburn</i> . . . . .	7 W. H.
Cox, James Francis . . . . .	<i>Houlton</i> . . . . .	14 A. H.
Cram, Marshall Perley . . . . .	<i>Brunswick</i> . . . . .	83 Federal St.
Cunningham, Theo. Woodman . . . . .	<i>Bucksport</i> . . . . .	25 M. H.
Dana, Samuel Trask . . . . .	<i>Portland</i> . . . . .	Ψ. T. House.
Emerson, Chester Burge . . . . .	<i>Alton Bay, N. H.</i> . . . . .	13 W. H.
Everett, Harold Josselyn . . . . .	<i>Portland</i> . . . . .	23 M. H.
Frost, John William . . . . .	<i>Topsham</i> . . . . .	Topsham.
Gould, Will Day . . . . .	<i>Kennebunkport</i> . . . . .	13 M. H.
Grant, Clyde Franklin . . . . .	<i>Fort Fairfield</i> . . . . .	15 W. H.
Griffin, Howard Cousens . . . . .	<i>Bangor</i> . . . . .	12 W. H.
Harper, Chester Truman . . . . .	<i>Christiana, Pa.</i> . . . . .	7 A. H.
Hathaway, Eugene Pablo Durant . . . . .	<i>Wellesley, Mass.</i> . . . . .	A. Δ. Φ. House.
Hermes, Emil . . . . .	<i>Turner Center</i> . . . . .	21 High St.
Hill, Galen Wentworth . . . . .	<i>Buxton</i> . . . . .	6 A. H.
Kennedy, Fred Chandler . . . . .	<i>Whitneyville</i> . . . . .	6 Cleaveland St.
Kimball, George Everett . . . . .	<i>Northeast Harbor</i> . . . . .	Δ. K. E. House.
Lowell, Clifford Elmer . . . . .	<i>Westbrook</i> . . . . .	29 M. H.
Lunt, William Edward . . . . .	<i>Lisbon</i> . . . . .	30 M. H.
McRae, Merton Asa . . . . .	<i>Machias</i> . . . . .	32 A. H.
Martin, George Dudley . . . . .	<i>Camden</i> . . . . .	B. Θ. Π. House.
Mayo, Harold Elmon . . . . .	<i>Hampden Corner</i> . . . . .	B. Θ. Π. House.
Mikelsky, Frank . . . . .	<i>Bath</i> . . . . .	8 W. H.
Oakes, Herbert Henry . . . . .	<i>Auburn</i> . . . . .	Ψ T. House.
Packard, Cyrus Franklin . . . . .	<i>Lewiston</i> . . . . .	A. Δ. Φ. House.
Palmer, Harry Lane . . . . .	<i>Skowhegan</i> . . . . .	28 A. H.

# Bowdoin College

Name	Residence	Room
Powers, Wallace Merton . . . .	<i>Portland</i> . . . . .	27 M. H.
Purington, George Colby, Jr. . . .	<i>Farmington</i> . . . . .	7 W. H.
Putnam, Fred Lysander . . . .	<i>Houlton</i> . . . . .	Δ. K. E. House.
Roberts, Wilbur Garfield . . . .	<i>Alfred</i> . . . . .	5 M. H.
Robinson, Harold Wood . . . .	<i>Auburn</i> . . . . .	9 M. H.
Rowe, William Thomas . . . .	<i>Portland</i> . . . . .	31 W. H.
Rundlett, Carl Waldron . . . .	<i>S. Portland</i> . . . . .	B. Θ. Π. House.
Sargent, Fitz Edward . . . .	<i>Falmouth Foreside</i> . . . .	18 W. H.
Saunders, Harry Clayton . . . .	<i>Portland</i> . . . . .	31 W. H.
Sawyer, Alfred Loomis . . . .	<i>Fort Fairfield</i> . . . . .	5 W. H.
Schneider, John Frederick . . . .	<i>Bangor</i> . . . . .	13 A. H.
Sexton, Walter Howard . . . .	<i>Billerica, Mass.</i> . . . .	A. Δ. Φ. House.
Shorey, Arthur Carlton . . . .	<i>Bath</i> . . . . .	31 A. H.
Small, Edward Durgin . . . .	<i>Westbrook</i> . . . . .	6 A. H.
Smith, Ralph Stanley . . . .	<i>Newburgh</i> . . . . .	2 M. H.
Spear, Austin Edward . . . .	<i>Rockland</i> . . . . .	18 W. H.
Walker, Donald Stone . . . .	<i>Liberty</i> . . . . .	Δ. K. E. House.
Whitney, George Burgess . . . .	<i>Hudson, Mass.</i> . . . .	6 Cleaveland St.
Wilder, Gerald Gardner . . . .	<i>Pembroke</i> . . . . .	6 Cleaveland St.
Wildes, Walter Keene . . . .	<i>Skowhegan</i> . . . . .	Δ. K. E. House.

## SOPHOMORES — Class of 1905

Name	Residence	Room
Allen, Perce Greeley . . . .	<i>Brunswick</i> . . . . .	1 M. H.
Boody, Henry Phillips . . . .	<i>Jackson</i> . . . . .	177 Maine St.
Brett, John Hall . . . .	<i>Gardiner</i> . . . . .	14 W. H.
Brimjoin, William Stephen . . . .	<i>Lisbon Falls</i> . . . . .	4 W. H.
Burroughs, Ernest Henry Redding .	<i>Sanford</i> . . . . .	18 M. H.
Campbell, Morris O'Brien . . . .	<i>Cherryfield</i> . . . . .	Δ. K. E. House.
Chase, Stanley Perkins . . . .	<i>Portland</i> . . . . .	Δ. K. E. House.
Clark, Walter Bradon . . . .	<i>Houlton</i> . . . . .	10 M. H.
Clarke, James Arthur . . . .	<i>Damariscotta Mills</i> . . . .	21 M. H.
Cook, Charles Bayley . . . .	<i>Portland</i> . . . . .	24 W. H.
Cushing, Ralph Norwood . . . .	<i>Thomaston</i> . . . . .	21 W. H.
Cushing, Walter Samuel . . . .	<i>Bangor</i> . . . . .	Δ. K. E. House.
Damren, Kenneth Howard . . . .	<i>Auburn</i> . . . . .	B. Θ. Π. House.
Davis, Raymond . . . .	<i>Portland</i> . . . . .	11 M. H.
Day, Frank . . . .	<i>Trevett</i> . . . . .	32 W. H.
Donnell, Charles Joseph . . . .	<i>Bath</i> . . . . .	11 M. H.

# Students

Name	Residence	Room
Eaton, Robert Knight . . . . .	<i>Brunswick</i> . . . . .	17 Federal St.
Emery, James Newell . . . . .	<i>Bar Harbor</i> . . . . .	24 A. H.
Finn, James Gregory . . . . .	<i>Lewiston</i> . . . . .	13 W. H.
Finn, William Francis, Jr. . . . .	<i>Natick, Mass.</i> . . . . .	27 W. H.
Foster, George Adams . . . . .	<i>Bangor</i> . . . . .	10 W. H.
Garcelon, Harold Webb . . . . .	<i>Lewiston</i> . . . . .	4 W. H.
Greene, Philip Kilborn . . . . .	<i>N. Bridgton</i> . . . . .	1 M. H.
Haggett, Benjamin Stimpson . . . . .	<i>Bath</i> . . . . .	29 W. H.
Hall, Robert Elwyn . . . . .	<i>Dover</i> . . . . .	32 M. H.
Hamilton, Everett Woodbury . . . . .	<i>Cumberland Center</i> . . . . .	10 Cleaveland St.
Harvey, Edwin LaForest . . . . .	<i>Bethel</i> . . . . .	23 A. H.
Hatch, George Ulmer . . . . .	<i>Belfast</i> . . . . .	23 M. H.
Henderson, Walton Thomas . . . . .	<i>Freeport</i> . . . . .	9 M. H.
Hill, Herbert Staples . . . . .	<i>Westbrook</i> . . . . .	6 Cleaveland St.
Larrabee, Leon Sturtevant . . . . .	<i>Portland</i> . . . . .	7 M. H.
Lermond, Henry Alfred . . . . .	<i>Warren</i> . . . . .	177 Maine St.
Lewis, Henry . . . . .	<i>Gardiner</i> . . . . .	16 M. H.
McCobb, Arthur Lewis . . . . .	<i>Boothbay Harbor</i> . . . . .	26 W. H.
Mansfield, Harry Milton . . . . .	<i>Jonesport</i> . . . . .	2 M. H.
Marr, Harold Everett . . . . .	<i>Farmington</i> . . . . .	15 M. H.
Marston, James Philip . . . . .	<i>Hallowell</i> . . . . .	Δ. K. E. House.
Merryman, Alphonso Clyde . . . . .	<i>Freeport</i> . . . . .	8 A. H.
Much, Rupert MacConnell . . . . .	<i>Bath</i> . . . . .	Bath.
Norton, William John . . . . .	<i>Westbrook</i> . . . . .	B. Θ. Π. House.
Nutter, Harold Russell . . . . .	<i>Bangor</i> . . . . .	Δ. K. E. House.
Pettengill, Ray Waldron . . . . .	<i>Augusta</i> . . . . .	12 A. H.
Philoon, Wallace Copeland . . . . .	<i>Auburn</i> . . . . .	14 W. H.
Pierce, Leonard Augustus . . . . .	<i>Houlton</i> . . . . .	Δ. K. E. House.
Pinkham, Stephen Hodgdon . . . . .	<i>Trevett</i> . . . . .	32 W. H.
Piper, John Thomas . . . . .	<i>Portland</i> . . . . .	9 W. H.
Randall, Neal Dow . . . . .	<i>Freeport</i> . . . . .	21 M. H.
Riley, John Winchell . . . . .	<i>Brunswick</i> . . . . .	46 Pleasant St.
Robbins, Paul Gould . . . . .	<i>Biddeford</i> . . . . .	3 M. H.
Robinson, Ralph Sylvester . . . . .	<i>Warren</i> . . . . .	177 Maine St.
Seavey, Frank Elias . . . . .	<i>Lynn, Mass.</i> . . . . .	26 M. H.
Shorey, Archibald Thompson . . . . .	<i>Brunswick</i> . . . . .	12 Stetson St.
Stewart, Ralph Carroll . . . . .	<i>New Vineyard</i> . . . . .	13 M. H.
Stone, George Henry . . . . .	<i>Portland</i> . . . . .	30 A. H.
Symonds, Stuart Oakley . . . . .	<i>Portland</i> . . . . .	12 M. H.
Tucker, George Everett . . . . .	<i>Hyde Park, Mass.</i> . . . . .	10 W. H.

# Bowdoin College

Name	Residence	Room
Warren, Raymond Thomas . . . .	<i>Castine</i> . . . .	Δ. K E. House.
Webb, William Blaine . . . .	<i>Skowhegan</i> . . . .	17 Federal St.
Weld, Louis Dwight Harvell . . . .	<i>Hyde Park, Mass.</i> . . . .	21 A. H.
White, Donald Cameron . . . .	<i>Lewiston</i> . . . .	A Δ. Φ. House.
White, James Edward . . . .	<i>Bridgton</i> . . . .	B. Θ Π. House.
Williams, James Albert . . . .	<i>Topsham</i> . . . .	9 Everett St.
Williams, Stanley . . . .	<i>Portland</i> . . . .	30 A. H.

## FRESHMEN — Class of 1906

Name	Residence	Room
Andrews, Dura Bradford . . . .	<i>Portland</i> . . . .	11 A. H.
Andrews, Philip Roy . . . .	<i>Kennebunk</i> . . . .	25 W. H.
Bartlett, James Austin . . . .	<i>Richmond</i> . . . .	12 W. H.
Bavis, Chester Swan . . . .	<i>Calais</i> . . . .	10 A. H.
Bodkin, Arthur Horace, Jr. . . .	<i>Portland</i> . . . .	18 A. H.
Boothby, Alfred Russell . . . .	<i>Westbrook</i> . . . .	29 A. H.
Bradford, Charles Henry . . . .	<i>Livermore</i> . . . .	234 Maine St.
Brown, Percy Mansfield . . . .	<i>Wilton</i> . . . .	234 Maine St.
Chapman, Henry Philip . . . .	<i>Portland</i> . . . .	26 A. H.
Chapman, Philip Freeland . . . .	<i>Portland</i> . . . .	A. Δ. Φ. House.
Childs, Harry Leslie . . . .	<i>Lewiston</i> . . . .	A. Δ. Φ. House.
Cole, Herbert Francis . . . .	<i>S. Portland</i> . . . .	2 M. H.
Copeland, Melvin Thomas . . . .	<i>Brewer</i> . . . .	B. Θ. Π. House.
Cunningham, Charles Hunter . . . .	<i>Strong</i> . . . .	1 M. H.
Elder, Harold Starbird . . . .	<i>Woodfords</i> . . . .	84 Federal St.
Fox, Lewis Hewitt . . . .	<i>Woodfords</i> . . . .	185 Maine St.
Grindle, Chester Harris . . . .	<i>Bar Harbor</i> . . . .	185 Maine St.
Hale, Edward Russell . . . .	<i>Gorham</i> . . . .	7 Potter St.
Haley, Seth Gurney, Jr. . . .	<i>Saco</i> . . . .	22 M. H.
Hall, Crowell Clairinton, Jr. . . .	<i>Dover</i> . . . .	32 M. H.
Hicks, Charles Joseph . . . .	<i>Westbrook</i> . . . .	17 W. H.
Hodgson, Robert John, Jr. . . .	<i>Lewiston</i> . . . .	A. Δ. Φ. House.
Holman, Currier Carlton . . . .	<i>Farmington</i> . . . .	26 W. H.
Houghton, Chas. Andrew Johnson . . . .	<i>Brunswick</i> . . . .	264 Maine St.
Jenks, Charles Fitch . . . .	<i>Canton, Mass.</i> . . . .	21 A. H.
Johnson, William Treby . . . .	<i>Augusta</i> . . . .	B. Θ. Π. House.
Kalloch, Dudley Cromwell . . . .	<i>Portland</i> . . . .	B. Θ. Π. House.
Knowlton, Charles Colby . . . .	<i>Ellsworth</i> . . . .	18 M. H.
Leavitt, Leslie Deering . . . .	<i>Bowdoinham</i> . . . .	Bowdoinham.



## Students

Name	Residence	Room
Merrill, Alonzo Powers . . . . .	<i>Skowhegan</i> . . . . .	31 M. H.
Morrill, George Harold . . . . .	<i>Westbrook</i> . . . . .	B. Θ. Π. House.
Packard, Frederick Lucius . . . . .	<i>Turner</i> . . . . .	12 A. H.
Parcher, George . . . . .	<i>Ellsworth</i> . . . . .	185 Maine St.
Parker, Leon Vasco . . . . .	<i>Cumberland Mills</i> . . . . .	B. Θ. Π. House.
Perry, Elmer . . . . .	<i>Portland</i> . . . . .	A. Δ. Φ. House.
Piper, Frank Sherman . . . . .	<i>N. Parsonsfield</i> . . . . .	11 Potter St.
Piper, Fred Edgcomb Richards . . . . .	<i>Portland</i> . . . . .	9 W. H.
Porter, David Richard . . . . .	<i>Bangor</i> . . . . .	13 A. H.
Powers, Walter Averill . . . . .	<i>Houlton</i> . . . . .	10 A. H.
Priest, Ernest Rockwood . . . . .	<i>E. Vassalboro</i> . . . . .	3 W. H.
Putnam, Arthur Otis . . . . .	<i>Houlton</i> . . . . .	15 A. H.
Randall, Chester Brigham . . . . .	<i>Hudson, Mass.</i> . . . . .	6 Cleaveland St.
Roberts, Thaddeus Blaine . . . . .	<i>Norway</i> . . . . .	185 Maine St.
Rogers, Clarence Arthur . . . . .	<i>Brunswick</i> . . . . .	13 Everett St.
Rowe, Frank Davis . . . . .	<i>Ellsworth</i> . . . . .	185 Main St.
Sanborn, Walter Martin . . . . .	<i>Augusta</i> . . . . .	11 W. H.
Sawyer, Harry Augustus . . . . .	<i>Portland</i> . . . . .	10 M. H.
Sewall, James Wingate, Jr. . . . .	<i>Old Town</i> . . . . .	22 W. H.
Shaw, Cyrus Clyde . . . . .	<i>N. Gorham</i> . . . . .	7 Potter St.
Shaw, Richard Edson . . . . .	<i>Freeport</i> . . . . .	3 W. H.
Skolfield, Clement . . . . .	<i>N. Harpswell</i> . . . . .	13 Everett St.
Smith, Fred Elhanan . . . . .	<i>Norway</i> . . . . .	18 A. H.
Soule, George Carroll . . . . .	<i>S. Freeport</i> . . . . .	24 A. H.
Stetson, Harold Stanwood . . . . .	<i>Brunswick</i> . . . . .	35 Cumberland St.
Stevens, Robie Reed . . . . .	<i>Kennebunk</i> . . . . .	84 Federal St.
Stimpson, Harry Lemont . . . . .	<i>Brunswick</i> . . . . .	98 Pleasant St.
Stone, William Haines . . . . .	<i>Biddeford</i> . . . . .	234 Maine St.
Tobey, Harold Grant . . . . .	<i>Clinton, Mass.</i> . . . . .	26 A. H.
Tuell, Gilbert Woodsum . . . . .	<i>Bethel</i> . . . . .	29 A. H.
Walker, Thomas Butler . . . . .	<i>Biddeford</i> . . . . .	234 Maine St.
Webber, Ralph Grant . . . . .	<i>Augusta</i> . . . . .	B. Θ. Π. House.
Williams, Raymond Blin . . . . .	<i>Farmington</i> . . . . .	11 A. H.
Winchell, John Patten, Jr. . . . .	<i>Brunswick</i> . . . . .	169 Maine St.
Wing, Eugene Eveleth . . . . .	<i>Fairfield</i> . . . . .	25 M. H.
Winslow, Harvey Philip . . . . .	<i>Gardiner</i> . . . . .	15 A. H.
Woodruff, Robert Thomson . . . . .	<i>Brunswick</i> . . . . .	262 Maine St.
Youland, William Edward, Jr. . . . .	<i>Biddeford</i> . . . . .	234 Maine St.

# Bowdoin College

## SPECIAL STUDENTS

Name	Residence	Room
Bates, Edwin Cassius . . . . .	<i>St. Stephen, N. B.</i> . . . . .	9 A. H.
Bly, Edmund Knight . . . . .	<i>Bradford, Mass.</i> . . . . .	21 W. H.
Booker, Walter Herman . . . . .	<i>Brunswick</i> . . . . .	17 Everett St.
Bradbury, Edward Joseph . . . . .	<i>Saco</i> . . . . .	22 M. H.
Brown, Ralph Prentiss . . . . .	<i>Greenville</i> . . . . .	17 W. H.
Chaney, Irvin Wayne . . . . .	<i>Topsham</i> . . . . .	Topsham.
Davis, Arthur Osman . . . . .	<i>Bridgton</i> . . . . .	12 Stetson St.
Denning, Ansel Cyrus . . . . .	<i>E. Poland</i> . . . . .	14 A. H.
Gould, Daniel Israel . . . . .	<i>Wolfboro, N. H.</i> . . . . .	16 W. H.
Gumbel, Joseph . . . . .	<i>New Orleans, La.</i> . . . . .	6 W. H.
Gumbel, Lester . . . . .	<i>New Orleans, La.</i> . . . . .	6 W. H.
Hubbard, Adolph . . . . .	<i>Boston, Mass.</i> . . . . .	26 Jordan Ave.
McKay, Roland Lee . . . . .	<i>Bowdoinham</i> . . . . .	Bowdoinham.
Mikelsky, Benjamin Myer . . . . .	<i>Bath</i> . . . . .	Bath.
Paine, Roscoe Randall . . . . .	<i>Winslow</i> . . . . .	Δ. K. E. House.
Palmer, Fred Sanford . . . . .	<i>S. Brewer</i> . . . . .	B. Θ. Π. House.
Prince, Norman Call . . . . .	<i>Omaha, Neb.</i> . . . . .	7 Cleaveland St.
Staples, Albert Holman . . . . .	<i>Brunswick</i> . . . . .	6 Federal St.
Sweeney, Charles Francis . . . . .	<i>Fitchburg, Mass.</i> . . . . .	2 A. H.
Trott, Harold Charles . . . . .	<i>Portland</i> . . . . .	20 M. H.
Whitmore, Samuel . . . . .	<i>Brunswick</i> . . . . .	63 Federal St.
Wilson, Jesse Davis . . . . .	<i>Brunswick</i> . . . . .	Δ. K. E. House.

## MEDICAL STUDENTS

1901-1902

### FOURTH YEAR

On account of the change in the length of the Medical Course from three years to four, no fourth-year men will appear in the annual catalogue until 1903.

### THIRD YEAR

Name	Residence
Bridgham, Charles Spiro . . . . .	<i>Sullivan.</i>
Goss, Richard Albert . . . . .	<i>Lewiston.</i>
Grindle, J. Lowell . . . . .	<i>Mt. Desert.</i>

# Students

Name	Residence
Hagerthy, Albert Bellathy . . . . .	<i>Bucksport.</i>
Hambleton, Marcus Philip . . . . .	<i>Brunswick.</i>
Haney, Oramel Elisha . . . . .	<i>Belfast.</i>
Hanscom, Edgar Ivory, A.B. . . . .	<i>Lebanon.</i>
Hills, Louis Lenville, A.B. . . . .	<i>Portland.</i>
Leader, Richard Timothy . . . . .	<i>Lewiston.</i>
Little, Stillman David . . . . .	<i>Milltown.</i>
Long, Samuel Heber . . . . .	<i>Brockton, Mass.</i>
Lord, Fred Clarence . . . . .	<i>Belgrade.</i>
Moody, Harry Alton . . . . .	<i>Dover, N. H.</i>
Morelen, Alonzo William, A.B. . . . .	<i>Dresden Mills.</i>
Nevers, Harry Hill . . . . .	<i>Norway.</i>
Parker, Mason . . . . .	<i>Phillips.</i>
Russell, James Percy, A.B. . . . .	<i>Warren.</i>
Simonton, Frank Forrester, A.B. . . . .	<i>Ellsworth.</i>
Strout, Arthur Weston, A.B. . . . .	<i>Gardiner.</i>
Turner, George Henry . . . . .	<i>Portland.</i>
Varney, Elton Murray . . . . .	<i>Brunswick.</i>
Weisman, Robert James . . . . .	<i>Lewiston.</i>
Wiley, Arthur Gordon, A.B. . . . .	<i>Bethel.</i>
Worthen, Charles Arthur . . . . .	<i>Haverhill, Mass.</i>

## SECOND YEAR

Name	Residence
Bernard, Joseph Napoleon Gideon . . . . .	<i>Lewiston.</i>
Call, Ernest Victor, A.B. . . . .	<i>Pittsfield.</i>
Cragin, Charles Langmaid . . . . .	<i>Norway.</i>
Dyer, John Small . . . . .	<i>New Sharon.</i>
Fuller, Edwin Motley, Jr., A.B. . . . .	<i>Bath.</i>
Gehring, Edwin Wagner, B.S. . . . .	<i>Bethel.</i>
Hutchins, William Parker . . . . .	<i>Oakland.</i>
Jones, Albert Mark, A.B. . . . .	<i>Pittsfield.</i>
Keene, Linwood Melrose . . . . .	<i>Northwood, N. H.</i>
Macdonald, John Benard . . . . .	<i>Waverley, Mass.</i>
McMillan, Archibald . . . . .	<i>Boston, Mass.</i>
Magune, Frank Leroy . . . . .	<i>Rockport.</i>
Marston, Edwin John . . . . .	<i>Brunswick.</i>
Milliken, Harris James, A.B. . . . .	<i>Bangor.</i>
Moody, George Frederick Henry . . . . .	<i>E. Rochester, N. H.</i>
Parker, Ralph Almeron, A B. . . . .	<i>S. Portland.</i>

# Bowdoin College

Name	Residence
Pratt, George Loring, A.B. . . . .	<i>Strong.</i>
Small, Harry Leslie . . . . .	<i>Brunswick.</i>
Studley, George Willis Cole . . . . .	<i>S. Portland.</i>
Syphers, LeRoi Scott . . . . .	<i>S. Portland.</i>
Tibbetts, Herman Kotschmar . . . . .	<i>Portland.</i>

## FIRST YEAR

Name	Residence
Almy, Robert Lawton, Jr. . . . .	<i>Salem, Mass.</i>
Barker, Nat Bailey Twycross . . . . .	<i>Cedar Grove.</i>
Butler, Ward Elmer . . . . .	<i>Bluehill.</i>
Clark, Frank Wilson . . . . .	<i>Damariscotta.</i>
Clason, Silas Olliver, A.B. . . . .	<i>Lisbon Falls.</i>
Day, De Forest Smith . . . . .	<i>Jefferson.</i>
Dole, Richard Bryant . . . . .	<i>Portland.</i>
Doten, Clarence Preble . . . . .	<i>Portland.</i>
Edwards, Marsters Clinton . . . . .	<i>Winthrop.</i>
Emmons, Harold Leonard . . . . .	<i>Saco.</i>
Field, Everett Howard . . . . .	<i>Boston, Mass.</i>
Files, Ernest Woodbury . . . . .	<i>Gorham.</i>
Folsom, Ernest Bertrand . . . . .	<i>Stroudwater.</i>
Furbish, John Arthur . . . . .	<i>Brunswick.</i>
Garcelon, William Skelton . . . . .	<i>Lewiston.</i>
George, Leslie Handlen . . . . .	<i>Boston, Mass.</i>
Goss, Ralph Warren, A.B. . . . .	<i>Lewiston.</i>
Gould, Arthur Lewis . . . . .	<i>Ellsworth.</i>
Guthrie, Roger Hunt . . . . .	<i>Gorham.</i>
Harden, Don Leslie . . . . .	<i>Phillips.</i>
Hayden, Benjamin Franklin . . . . .	<i>S. Portland.</i>
Hunt, Charles Henry . . . . .	<i>Portland.</i>
Hunt, Harry Joseph . . . . .	<i>Bangor.</i>
Ilsley, Harris Page . . . . .	<i>Limington.</i>
Mabry, Irving Ellis . . . . .	<i>East Hiram.</i>
McCarthy, Jeremiah Edward . . . . .	<i>Lewiston.</i>
Merriman, Angier Clarence . . . . .	<i>Topsnam.</i>
Norris, Douglass Sherley . . . . .	<i>Bar Harbor.</i>
Pillsbury, Myron Albert, A.B. . . . .	<i>Bethel.</i>
Playse, Linn Foss . . . . .	<i>Skowhegan.</i>
Pooler, James Edward . . . . .	<i>Waterville.</i>
Preston, Clifford Hamilton . . . . .	<i>Farmington.</i>

# Students

Name	Residence
Pritham, John Fred . . . . .	<i>Freeport.</i>
Russell, Daniel Frank Davis . . . . .	<i>Leeds.</i>
Sampson, Charles Edwin . . . . .	<i>Saco.</i>
Sampson, Harry William . . . . .	<i>Monson.</i>
Schneider, George Alfred . . . . .	<i>Bracebridge, Ont.</i>
Sherman, Warren Hunter . . . . .	<i>Damariscotta.</i>
Smith, Fred Melton . . . . .	<i>Portland.</i>
Soule, Alfred Morton Gilmore . . . . .	<i>Woolwich.</i>
Stewart, Delbert Mason, A.B. . . . .	<i>Lewiston.</i>
Warren, Leonard Pitt . . . . .	<i>Lyman.</i>
Whitman, Plaisted Jackson . . . . .	<i>Auburn.</i>
Wyman, John Howard, A.B. . . . .	<i>Skowhegan.</i>

# Bowdoin College

## Summary of Instructors and Students

### INSTRUCTORS

ACADEMICAL FACULTY . . . . .	20
MEDICAL FACULTY . . . . .	20
TOTAL . . . . .	40
NAMES COUNTED TWICE . . . . .	4
TOTAL . . . . .	36

### STUDENTS

#### ACADEMICAL DEPARTMENT

SENIORS . . . . .	63
JUNIORS . . . . .	60
SOPHOMORES . . . . .	63
FRESHMEN . . . . .	67
SPECIAL STUDENTS . . . . .	22
TOTAL . . . . .	275

#### MEDICAL SCHOOL

FOURTH YEAR . . . . .	24
THIRD YEAR . . . . .	21
SECOND YEAR . . . . .	44
FIRST YEAR (estimated on average of previous years) . . . . .	35
TOTAL . . . . .	124
TOTAL . . . . .	399
NAMES COUNTED TWICE . . . . .	8
TOTAL IN THE INSTITUTION . . . . .	391

# Appointments and Awards

## Appointments and Awards

### HONORARY COMMENCEMENT APPOINTMENTS

#### Class of 1902

##### Summa cum Laude

Stone, Ralph Bushnell

Hunt, Charles Henry                      Swett, Harry Gordon

Walker, George Rowland

##### Magna cum Laude

Benson, Robert Sanford

Dole, Richard Bryant

Bodwell, Ralph Porter

Fogg, George Edwin

Carter, Edward Edgecombe

Gross, Daniel Irving

Cousens, Lyman Abbott

Kelley, Eugene Robert

##### Cum Laude

Anthoine, Edward Swasey

Glidden, Walter Seward

Giles, Erwin Garfield

Preston, Clifford Hamilton

### CLASS OF 1868 PRIZE SPEAKING

#### Class of 1902

Anthoine, Edward Swasey

Fogg, George Edwin

Walker, George Rowland

Gross, Daniel Irving

Stone, Ralph Bushnell

Dole, Richard Bryant

### JUNIOR PRIZE DECLAMATION

#### Class of 1903

Blanchard, Merrill

Smith, Bertram Louis

Marshall, Farnsworth Gross

Stover, George Hinkley

Martin, Selden Osgood

Viles, Blaine Spooner

Robinson, Clement Franklin

Walker, Leon Valentine

Shaw, Charles Carroll

Webber, Harrie Linwood

Simpson, Scott Clement Ward

White, Thomas Carter



# Bowdoin College

## SOPHOMORE PRIZE DECLAMATION

### Class of 1904

Archibald, Bernard	Mikelsky, Frank
Cass, Herbert Weymouth	Oakes, Herbert Henry
Coan, William Frederick	Palmer, Harry Lane
Everett, Harold Josselyn	Purington, George Colby, Jr.
Fessenden, Philip James Perkins	Rowe, William Thomas
Grant, Clyde Franklin	Rundlett, Carl Waldron

### AWARDS IN 1902

GOODWIN PRIZE. Robert Sanford Benson.

CLASS OF 1868 PRIZE. Daniel Irving Gross.

ENGLISH COMPOSITION PRIZES. Edward Swasey Anthoine, Edward Edgecombe Carter, first prizes; Harry Gordon Swett, Clifford Hamilton Preston, second prizes.

PRAY ENGLISH PRIZE. Daniel Irving Gross.

BROWN PRIZES FOR EXTEMPORANEOUS COMPOSITION. Daniel Irving Gross, first prize; Robert Sanford Benson, second prize.

SOPHOMORE DECLAMATION PRIZES. Frank Mikelsky, first prize; Philip James Perkins Fessenden, second prize.

JUNIOR DECLAMATION PRIZES. Harrie Linwood Webber, first prize; Selden Osgood Martin, second prize.

SEWALL LATIN PRIZE. Arthur Carlton Shorey.

SEWALL GREEK PRIZE. John Merrill Bridgham, Myrton Andrew Bryant.

GOODWIN FRENCH PRIZE. William Blaine Webb.

NOYES POLITICAL ECONOMY PRIZE. George Rowland Walker.

SMYTH MATHEMATICAL PRIZE. Farnsworth Gross Marshall, Marshall Perley Cram.

CLASS OF 1875 PRIZE IN AMERICAN HISTORY. Selden Osgood Martin, with honorable mention of Clement Franklin Robinson.

SPECIAL PRIZE IN ENGLISH HISTORY. William Edward Lunt, with honorable mention of Arthur Carlton Shorey.

BROWN MEMORIAL SCHOLARSHIPS. George Rowland Walker, Class of 1902; Scott Clement Ward Simpson, Class of 1903; Samuel Trask Dana, Class of 1904; Stanley Perkins Chase, Class of 1905.

# Degrees Conferred in 1902

## Degrees Conferred in 1902

### BACHELOR OF ARTS

Anthoine, Edward Swasey	Hamilton, Benjamin Peirce
Appleton, John	Hamilton, James Oliver
Barker, Ben	Hayden, Benjamin Franklin
Barker, Nat Bailey Twycross	Hayes, Edmund
Benson, Robert Sanford	Higgins, John Warren
Bodwell, Ralph Porter	Hill, Almon Franklin, Jr.
Bradbury, Gibeon Elden	Hunt, Charles Henry
Carter, Edward Edgecombe	Kelley, Benjamin Edward
Cobb, Philip Howard	Kelley, Eugene Robert
Cousens, Lyman Abbott	Mabry, Irving Ellis
Dole, Richard Bryant	Merrill, Perez Benjamin
Files, Ernest Woodbury	Noyes, Sidney Webb
Flye, William Laberee	Preston, Clifford Hamilton
Fogg, George Edwin	Rodick, Andrew Stroud
Folsom, Ernest Bertrand	Rolfe, Charles Edgar, 2nd
Furbish, John Arthur	Sinkinson, John Hudson
Garcelon, William Skelton	Stanwood, Frederic Arthur
Gibson, Harvey Dow	Stone, Ralph Bushnell
Giles, Erwin Garfield	Swett, Harry Gordon
Glidden, Walter Seward	Walker, George Rowland
Gray, Lee Thomas	Watson, William Leavitt
Grinnell, Herbert Leroy, Jr.	Webb, Harold Randall
Gross, Daniel Irving	Wing, William Ellery
Haley, Eben Ricker	

### Out of Course

Charles Edward Clifford (as of the Class of 1849).

### BACHELOR OF SCIENCE

Blake, Thomas Herbert	Hunt, Harry Joseph
Eastman, Harold Benjamin	McCann, Harrison King

### CIVIL ENGINEER

William Curtis Merryman (1882).

# Bowdoin College

## DOCTOR OF MEDICINE

On account of the change in the length of the Medical Course from three years to four, no fourth-year men will appear in the annual catalogue until 1903. The following named students were graduated under the former requirements of attendance upon three courses of lectures:—

Leader, Richard Timothy  
Long, Samuel Heber

Morelen, Alonzo William, A. B.  
Worthen, Charles Arthur

## MASTER OF ARTS

Walter Frank Haskell (1895)

## Honorary Degrees

### MASTER OF ARTS

Melville Ezra Ingalls

### DOCTOR OF LAWS

Charles Upham Bell (1863)

John Jacob Herrick (1866)

George Colby Chase

Charles Freeman Libby (1864)

George Emory Fellows

Egbert Coffin Smyth (1848)

Merritt Caldwell Fernald (1861)

Franklin Augustus Wilson (1854)

### DOCTOR OF DIVINITY

Frank Sewall (1858)

Jotham Bradbury Sewall (1848)

Charles Lincoln White

Thomas Arkle Clark

BOWDOIN COLLEGE



## FACULTY

WILLIAM DEWITT HYDE, D.D., LL.D., PRESIDENT, *and Professor of Mental and Moral Philosophy.*

HENRY LELAND CHAPMAN, D.D., *Professor of English Literature.*

LESLIE ALEXANDER LEE, PH.D., *Professor of Geology and Biology.*

FRANKLIN CLEMENT ROBINSON, A.M., *Professor of Chemistry and Mineralogy.*

WILLIAM ADDISON HOUGHTON, A.M., *Professor of Latin.*

HENRY JOHNSON, PH.D., *Professor of Romance Languages.*

FRANK EDWARD WOODRUFF, A.M., *Professor of Greek.*

GEORGE THOMAS LITTLE, LITT.D., *Librarian.*

WILLIAM ALBION MOODY, A.M., RECORDER, *and Professor of Mathematics.*

CHARLES CLIFFORD HUTCHINS, A.M., *Professor of Physics.*

FRANK NATHANIEL WHITTIER, M.D., *Director of the Gymnasium, and Lecturer on Hygiene.*

GEORGE TAYLOR FILES, PH.D., REGISTRAR, *and Professor of German.*

WILMOT BROOKINGS MITCHELL, A.B., *Professor of Rhetoric and Oratory.*

GUY STEVENS CALLENDER, PH.D., *Professor of Political Economy and Sociology.*

ALFRED LEWIS PINNEO DENNIS, PH.D., *Professor of History and Political Science.*

ALGERNON SIDNEY DYER, A.M., *Instructor in the Classics and English.*

ROSCOE JAMES HAM, A.B., *Instructor in Modern Languages.*

EDWARD SWASEY ANTHOINE, A.B., *Assistant in History.*

RICHARD BRYANT DOLE, A.B., *Assistant in Chemistry.*

ERNEST BERTRAND FOLSOM, A.B., *Assistant in Biology.*

# Bowdoin College

## Committees of the Faculty

CLASS OFFICERS. — *Senior*, Professor Callender; *Junior*, Professor Lee; *Sophomore*, Mr. Ham; *Freshman*, Professor Woodruff.

RECORDING. — Professor Files, *Chairman*; Professor Moody.

ADMISSION TO ADVANCED STANDING. — Professor Lee, *Chairman*; Professor Callender.

LIBRARY. — Dr. Little, *Chairman*; Professors Chapman, Johnson, Lee, and Dennis.

PUBLIC EXERCISES. — Professor Robinson, *Chairman*; Professor Lee and Dr. Little.

MUSIC. — Professor Woodruff, *Chairman*; Professors Hutchins and Chapman.

REGISTRATION. — Professor Mitchell, *Chairman*; Dr. Whittier.

RELATIONS WITH PREPARATORY SCHOOLS. — Professor Robinson, *Chairman*; Professors Johnson and Houghton.

ADVISORY COMMITTEE ON ATHLETICS. — Dr. Whittier, *Chairman*; Professor Moody.

## ADMISSION TO THE COLLEGE

### Subjects in which Examinations are held

Candidates for admission to the Freshman Class are examined in the following subjects:

#### ENGLISH

##### I. ENGLISH GRAMMAR AND COMPOSITION.

II. READING AND PRACTICE. The candidate will be required to present evidence of a general knowledge of the subject-matter of the books mentioned, and to answer simple questions on the lives of their authors. The examination will usually be the writing of a paragraph or two on each of several topics set in the paper given the candidate. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book,



## Admission

properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books. The books for this part of the examination will be:

For 1903, 1904, and 1905 — Shakespeare's "Merchant of Venice" and "Julius Cæsar;" the Sir Roger de Coverley Papers in the "Spectator;" Goldsmith's "Vicar of Wakefield;" Coleridge's "Ancient Mariner;" Scott's "Ivanhoe;" Carlyle's "Essay on Burns;" Tennyson's "Princess;" Lowell's "Vision of Sir Launfal;" George Eliot's "Silas Marner."

In preparation for this part of the requirement, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

III. STUDY AND PRACTICE. This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure; and will also test the candidate's ability to express his knowledge with clearness and accuracy. The books for this part of the examination will be:

For 1902 and 1903 — Shakespeare's "Macbeth;" Milton's "Lycidas," "Comus," "L'Allegro," and "Il Penseroso;" Burke's "Speech on Conciliation with America;" Macaulay's "Essays on Milton and Addison."

In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

## MATHEMATICS

I. ALGEBRA. The requirement in Algebra embraces the following topics: All elementary processes necessary for the solution of simultaneous equations of the first degree; the statement and solution of problems leading to these equations; treatment of inequalities; doctrine of square and cube root; theory of exponents; radicals and imaginaries; solution of quadratics and equations in quadratic form by the method of completing the square, by factoring, and by a formula; discussion of the properties of quadratics; quadratics containing two unknown quantities, and the solution of problems leading thereto; ratio and proportion; arithmetical and geometric progressions; binomial theorem for positive integral exponents.

# Bowdoin College

II. PLANE GEOMETRY. The requirement in Plane Geometry includes the theorems and exercises of the ordinary school text-book; mensuration of plane figures; and numerical problems based on the text. The candidate should be able to write formal demonstrations of simple original theorems.

III. ADVANCED ALGEBRA. The following subjects or their equivalents: Indeterminate equations, undetermined coefficients, binomial theorem, theory of limits, logarithmic series, solution of equations by synthetic division with necessary theorems, and graphs of quantics, with rational, or with not more than two irrational or imaginary roots.

IV. SOLID GEOMETRY, as represented by the ordinary college text-books. Candidates must readily solve problems of solid mensuration and demonstrate original theorems which may be easily deduced from the text.

V. PLANE TRIGONOMETRY as represented by the usual text-books. Candidates must be familiar with the theory and use of six-place logarithmic tables.

## LATIN

I. ELEMENTARY LATIN. The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts:

(a) The translation at sight of simple Latin prose and verse.

(b) A thorough examination on Cicero's second, third, and fourth speeches against Catiline, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Latin prose, involving the use of such words, constructions, and idioms only, as occur in the speeches prescribed.

II. ADVANCED LATIN. The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *four* school years. It will consist of two parts:

(a) The translation at sight of passages of Latin prose and verse, with questions on ordinary forms, constructions, and idioms, and on prosody.

## Admission

(*b*) The translation into Latin prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Latin prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

### GREEK

I. ELEMENTARY GREEK. The examination will be adapted to the proficiency of those who, in addition to the course defined as suitable preparation for the examination in Elementary Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *two* school years. It will consist of two parts:

(*a*) The translation at sight of passages of simple Attic prose.

(*b*) A thorough examination on Xenophon's "Anabasis," Book II, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Attic prose, involving the use of such words, constructions, and idioms only, as occur in the portion of Xenophon prescribed.

II. ADVANCED GREEK. The examination will be adapted to the proficiency of those who, in addition to the course defined as a suitable preparation for the examination in Advanced Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts:

(*a*) The translation at sight of passages of Attic prose and of Homer, with questions on ordinary forms, constructions, and idioms, and on prosody.

(*b*) The translation into Attic prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Greek prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

### FRENCH

I. ELEMENTARY FRENCH. Elements of French Grammar, as represented in amount by Fraser and Squair's "French Grammar and Reader," to page 161, and 150 pages of modern French Prose.

II. ADVANCED FRENCH. (*a*) French Grammar as represented in amount by Fraser and Squair's "French Grammar and Reader,"

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pages 162-382. (*b*) French Prose Composition as represented, for example, by Composition Exercises on pages 439 to 460 of Fraser and Squair's "Grammar." (*c*) Ability to read at sight ordinary French prose or poetry. Those desiring guidance in the selection of suitable texts will find helpful the list given in Section XI, Report of the Committee of Twelve of the Modern Language Association of America, United States Bureau of Education. (*d*) Ability to write simple French sentences from dictation.

### GERMAN

I. ELEMENTARY GERMAN. (*a*) The translation at sight of simple German prose. (*b*) Questions intended to test the candidate's knowledge of elementary grammar. (*c*) The translation into German of simple English sentences, or of easy connected prose.

The examination in Elementary German presupposes a knowledge of the elements of German grammar as represented, for example, by Harris's "German Lessons," or Part I of Joynes-Meissner or Thomas's "German Grammar;" German Prose Composition as represented, for example, by Harris's "German Prose Composition," pages 10 to 50; and ability to read at sight ordinary German prose or simple poetry. Those desiring guidance in the selection of suitable texts will find helpful the list given in Section VIII, Report of the Committee of Twelve of the Modern Language Association, United States Bureau of Education.

II. ADVANCED GERMAN. (*a*) The translation at sight of ordinary German. (*b*) The translation into German of a connected passage of English prose. (*c*) Direct questions to test candidate's proficiency in grammar.

The passage set for translation into English will be suited to the proficiency of those who have read, in addition to the work required for Elementary German, not less than 200 pages of classical and contemporary prose and verse.

### CHEMISTRY

(1) General chemistry as represented by Remsen's "Introduction to Chemistry" or Storer and Lindsay's "Elementary Chemistry."  
(2) Elementary qualitative analysis for bases and acids. Candidates must present note-books, certified by their instructors, in which are

# Admission

the results of their own experiments ; and not less than one-half of the time spent upon chemistry must have been given to laboratory work. A part of the examination will consist of the analysis of a substance in the laboratory.

## PHYSICS

Physics as represented by Gage's "Elements of Physics " or other text-book of equal grade. Candidates must be able to solve numerical examples under the various sections ; must have performed forty experiments from Hall and Bergen's text-book, and have kept a note-book containing a written description in their own language of their experiments, with all their calculations. These note-books must be certified by their instructors and presented at the examination.

## HISTORY (INCLUDING HISTORICAL GEOGRAPHY)

I. GREEK HISTORY. To the death of Alexander with due reference to Greek life, literature, and art.

II. ROMAN HISTORY. To 600 A.D. with due reference to government and institutions.

III. ENGLISH HISTORY. With special reference to social and political development.

IV. AMERICAN HISTORY. With special attention to the development of institutions and principles of civil government.

The examinations in these subjects will call for comparison of historical characters and periods, for summaries of institutional development, and in general for exercise of judgment as well as memory. A knowledge of historical geography, which will be tested by an outline map, is essential. The amount of collateral reading which has been done by the student will be taken into consideration. In general, all schools are urged to take steps to make their courses conform as far as possible to the recommendations of the Committee of Seven.

## Terms of Admission

The subjects which have been mentioned in the previous pages may be presented in satisfaction of the requirements for admission to the Freshman Class in Bowdoin College under the following conditions.

# Bowdoin College

The basis of the system is the work represented by a course pursued five hours per week for a period of thirty-eight weeks. Such a course counts two points.

I. A candidate for admission must offer subjects amounting in all to 26 points.

II. The following subjects aggregating 20 points are required :

English . . . . .	4
Latin . . . . .	8
Algebra . . . . .	4
Plane Geometry . . . . .	2
Roman History . . . . .	1
Greek, English, or American History . . . . .	1
	—
	20

III. Subjects amounting to 6 points must be elected from the following list :

Greek, Elementary . . . . .	4	Physics . . . . .	2
Greek, Advanced . . . . .	2	Advanced Algebra . . . . .	1
French, Elementary . . . . .	2	Solid Geometry . . . . .	1
French, Advanced . . . . .	2	Trigonometry . . . . .	1
German, Elementary . . . . .	4	Greek History . . . . .	1
German, Advanced . . . . .	2	American History . . . . .	1
Chemistry . . . . .	2	English History . . . . .	1

IV. If Elementary Greek is not presented, the candidate for admission must offer either Elementary French or Elementary German.

## ENTRANCE EXAMINATIONS

The regular examinations for admission to college will be held in Massachusetts Hall, in Brunswick, on Friday and Saturday, June 26 and 27, 1903, and on Monday, Tuesday, and Wednesday, September 21, 22, and 23, 1903. At the examinations in June, attendance is required at 8 A. M. on Friday. At the examinations in September, attendance is required at 2 P. M. on Monday. The examinations are



## Admission

chiefly in writing. The Schedule for the examinations of either period will be sent on application.

EXAMINATIONS AT PREPARATORY SCHOOLS. Printed examination papers in certain of the subjects required for admission to college will be furnished to the principal of any high school or academy of good standing, having a regular college preparatory course of not less than three years in length, for the use of such of his students as propose to join the Freshman class at Bowdoin. In exceptional cases, the conduct of the examinations may, on the recommendation of the principal, be entrusted to some other person approved by the Faculty.

The following are the subjects in which papers will be sent: 1, English; 2, Elementary Greek; 3, Advanced Greek; 4, Elementary Latin; 5, Advanced Latin (two papers); 6, Algebra; 7, Plane Geometry; 8, Elementary French; 9, Advanced French; 10, Elementary German; 11, Advanced German; 12, Roman History; 13, Greek History; 14, English History; 15, American History.

On each of the above subjects, except Advanced Latin, one paper is sent. In Advanced Latin there are two papers (Parts I and II), the second of which consists of Latin Composition.

No papers will be sent in either Advanced Mathematics, Chemistry, or Physics. The entrance examinations in these subjects can be taken only at Brunswick.

In holding entrance examinations elsewhere than in Brunswick, the following regulations are to be observed:

1. Papers are sent only in June. The dates for holding the examinations this year are June 12 and 13. *Under no circumstances can papers be sent at any other dates.*

2. Applications for papers, addressed to the Registrar, must be received *not later than June 8*, and should state the name of the school, the subjects in which papers are desired, and the number of students to be examined in each subject.

3. Printed examination papers, together with the requisite number of blue-books, will be sent to the principal by express, prepaid, in time for the examination. On the completion of the examination, the books are to be returned at once by express, at the expense of the college.

4. The examinations are to be conducted by the principal in conformity with a schedule of hours fixed by the college. Copies of the



# Bowdoin College

schedule can ordinarily be obtained by May 15, on application to the Registrar.

Examinations are also held at Thornton Academy, Saco; at Washington Academy, East Machias; at Fryeburg Academy; and at Lincoln Academy, Newcastle, these schools having been made special fitting schools for the college by the action of their several Boards of Trustees, in concurrence with the Boards of Trustees and Overseers of the college.

The entrance examinations may, if the candidate prefers, be divided between two or more successive years, or between June and September of the same year. In that case a certificate will be given for such subjects as are passed at each examination.

A report of the results of the examinations, whether at Brunswick or elsewhere, is made to the principal, and also to the candidate, within two weeks after Commencement.

## ADVANCED STANDING

Candidates for admission to the Sophomore, Junior, and Senior classes, who do not present certificates from other colleges, are examined in the studies already pursued by the class which they wish to enter, equivalents being accepted for the books and authors studied by the class. No one is admitted to the Senior Class after the beginning of the second term. Applications for admission to advanced standing should be addressed to the Chairman of the Committee on Admission to Advanced Standing (see p. 36).

## TESTIMONIALS AND CERTIFICATES

Testimonials of good moral character must in all cases be presented before tickets of admission are granted. A testimonial is preferred from the teacher under whom the preparatory course was completed. A student from another college, before he can be admitted, must present a certificate of honorable dismissal.

# Required and Elective Studies

## BOND

A bond for two hundred dollars, with satisfactory sureties, must be filed with the Treasurer by every student on his admission to college, as security for the payment of his term bills and any other charges that may arise under the college laws. A blank form for this purpose will be given with the ticket of admission.

## SPECIAL STUDENTS

Persons who give evidence of maturity, earnestness of purpose, and adequate preparation will be allowed to pursue special studies in connection with the regular classes, without becoming matriculated members of the college. Applications for admission as special students should be addressed to the Chairman of the Committee on Admission to Advanced Standing (see p. 36).

## Required and Elective Studies

The variety of subjects that may be offered for admission necessitates the division of students into two groups, which in the following schedule of required courses and in the description of courses of instruction are designated as follows:

Class I. Candidates for the degree of A.B. who offer Greek for admission.

Class II. Candidates for the degree of A.B. who offer other subjects than Greek for admission.

## REQUIRED STUDIES

The studies of Freshman year are chiefly required. German is required in the Sophomore year of all students except those who offer either German or French for admission. In addition, a course in Physical Training is required of all students during the second term of each year, and theme-writing throughout the Junior year. All other courses are elective.

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## SCHEDULE OF REQUIRED STUDIES

The numerals indicate the number of hours weekly.

### CLASS I

#### *Freshman year*

Mathematics (4)  
English (3)  
Latin (3)  
Hygiene (1) first term  
French (3)  
Greek (3)

#### *Sophomore year*

German (3)

### CLASS II

#### *Freshman year*

Mathematics (4)  
English (3)  
Latin (3)  
Hygiene (1), first term  
\* French (3) or German (3)  
† One of the following: Physics (4),  
History (3), or Greek A, B, C (4)

#### *Sophomore year*

\* German (3)

\* Candidates offering French for admission will take German in place of French in the Freshman year.

† Candidates offering Physics for admission will take History or Greek A, B, and C, in the Freshman year; those offering English History for admission in 1903 will take Physics or Greek A, B, and C, in the Freshman year.

## RULES GOVERNING ELECTION OF STUDIES

1. Regular students are required to take four full courses each term in addition to the required work in Themes, Hygiene, and Physical Training.

2. Special students are required to take three full courses each term.

3. No regular student is allowed to take more than five courses in any term without the consent of the Faculty.

4. No student is allowed to elect courses involving a conflict of hours, except with permission of the Faculty.

# Courses of Instruction

## Courses of Instruction

### GREEK

PROFESSOR WOODRUFF; MR. DYER

A. White's "First Greek Book." First term: Monday, Tuesday, Thursday, Friday, 2.30.

B. Xenophon's "Anabasis," with exercises in writing Greek. Second term: Monday, Tuesday, Thursday, Friday, 2.30.

C. Homer. Third term: Monday, Tuesday, Thursday, Friday, 2.30.

MR. DYER.

Courses A, B, and C are elective for Freshmen, Class II. They will be omitted in any year when there are less than three applicants.

1. Morgan's "Eight Orations of Lysias," with weekly exercises in translating into Greek. First term: Div. A, Monday, Tuesday, Friday, 1.30. Div. B, Monday, Tuesday, Friday, 2.30.

2. Selected portions of the "Odyssey." Second term: Div. A, Monday, Tuesday, Friday, 1.30. Div. B, Monday, Tuesday, Friday, 2.30.

3. The Gospel of Mark, with essays on New Testament topics. Third term: Div. A, Monday, Tuesday, Friday, 1.30; Div. B, Monday, Tuesday, Friday, 2.30.

PROFESSOR WOODRUFF and MR. DYER.

Courses 1, 2, and 3 are required of Freshmen who present Greek for admission.

4. Euripides's "Medea," with study of the origin of the Greek drama, and the construction and usages of the Greek theatre; in alternation with Herodotus. First term: Monday, Tuesday, Wednesday, Friday, 11.30.

5. The "Oedipus Tyrannus" of Sophocles; in alternation with Thucydides. Second term: Monday, Tuesday, Wednesday, Friday, 11.30.

6. "The Frogs" of Aristophanes; in alternation with Plato. Third term: Monday, Tuesday, Wednesday, Friday, 11.

PROFESSOR WOODRUFF.

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Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3. Either course may be taken in two successive years.

7. The "Antigone" of Sophocles; in alternation with the Lyric Poets. First term: Two hours, at the convenience of instructor and students.

8. Selected tragedies; in alternation with Demosthenes. Second term: Two hours, at the convenience of instructor and students.

9. Selected plays of Aristophanes; in alternation with Lucian. Third term: Two hours, at the convenience of instructor and students.

PROFESSOR WOODRUFF.

Half-courses 7, 8, and 9 are elective for those who have taken Courses 4, 5, and 6. Either course may be taken in two successive years.

10. Teachers' Course. Designed for those who expect to teach Greek. The course includes a review of the fundamentals of Greek grammar, study of selected portions of Xenophon and Homer, and discussion of text-books and methods of teaching. Third term: Three hours, at the convenience of instructor and students.

PROFESSOR WOODRUFF.

Course 10 is elective for Seniors.

## LATIN

PROFESSOR HOUGHTON; MR. DYER

1. Livy: Selections from Books I, XXI, and XXII. History of the Punic Wars. Latin composition. First term: Div. A, Wednesday, Friday, 10.30; Saturday, 8.30. Div. B, Wednesday, Friday, 8.30; Saturday, 10.30.

2. Horace: Odes and Epodes. Bender's "History of Roman Literature." Biographical, historical, and mythological studies, with themes and exercises. Second term: Div. A, Wednesday, Friday, 10.30; Saturday, 8.30. Div. B, Wednesday, Friday, 8.30; Saturday, 10.30.

3. Selections from various authors in prose and verse. Sight reading. Latin composition. Third term: Div. A, Wednesday, Friday, 10; Saturday, 8. Div. B, Wednesday, Friday, 8; Saturday, 10.

PROFESSOR HOUGHTON and MR. DYER.

Courses 1, 2, and 3 are required of all Freshmen. The work in composition, and historical, biographical, and mythological study is conducted by Mr. Dyer, who meets the students in small groups.

## Courses of Instruction

4. Roman Comedy: Plautus and Terence. Idiomatic rendering of the colloquial language and metrical reading of the original. First term: Tuesday, Wednesday, Friday, Saturday, 9.30.

5. Roman Satire: Horace and Juvenal, with comparison of Lucilius, Persius, and Petronius. The private life of the Romans and the social conditions of the first century of the Empire. Second term: Tuesday, Wednesday, Friday, Saturday, 9.30.

6. Cicero's Letters (Abbott). The history of the last twenty years of the Republic. Third term: Tuesday, Wednesday, Friday, Saturday, 9.

PROFESSOR HOUGHTON.

Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3.

7. Seneca: Dialogues and Tragedies. A considerable amount of text is covered by rapid reading, with special attention to pronunciation and to direct apprehension of the meaning without translation. Assignments in the moral epistles are given for private reading. First term: Two hours, at the convenience of instructor and students.

8. Tacitus: Annals (I-VI or XI-XVI), and Suetonius (Augustus and Tiberius, or Claudius, and Nero). Second term: Two hours, at the convenience of instructor and students.

9. Lucretius. His relation to the poetry, philosophy, and religion of Rome. Third term: Two hours, at the convenience of instructor and students.

[10. Cicero de Oratore. Latin writing. First term:] Omitted in 1902-1903.

[11. Roman Elegiac Poetry: Tibullus, Propertius, and Ovid. Second term:] Omitted in 1902-1903.

[12. Roman Epics. Vergil and Lucan, with comparison of Statius and Silius Italicus. Third term:] Omitted in 1902-1903.

PROFESSOR HOUGHTON.

Half-courses 7, 8, 9, 10, 11, and 12 are similar in scope and method. They are elective for Juniors and Seniors who have taken Courses 4, 5, and 6, and for others in special cases.

13. Teachers' Course. Designed for those who expect to teach Latin. Methods and aims of classical study. Preparatory authors treated from the teacher's point of view. Second term: Two hours, at the convenience of instructor and students.

PROFESSOR HOUGHTON.

Course 13 is elective for Seniors.

# Bowdoin College

## FRENCH

PROFESSOR JOHNSON; MR. HAM

1. Grammar. First term: Div. A, Monday, Tuesday, Thursday, Saturday, 9.30. Div. B, Monday, Tuesday, Thursday, Saturday, 8.30.

2. Grammar. Modern Prose of literary value. Second term: Div. A, Monday, Tuesday, Thursday, Saturday, 9.30. Div. B, Monday, Tuesday, Thursday, Saturday, 8.30.

3. Grammar. Continuation of Course 2. Third term: Div. A, Monday, Tuesday, Thursday, Saturday, 9. Div. B, Monday, Tuesday, Thursday, Saturday, 8.

PROFESSOR JOHNSON.

Courses 1, 2, and 3 are required of all Freshmen and Sophomores who have not offered French for admission to college. The grammatical exercises in Courses 2 and 3 — one hour weekly — are conducted by Mr. Ham.

4. Literature of the Nineteenth Century from Chateaubriand to Taine. The additional outside reading required is of about 500 pages, to be reported on in written analyses. First term: Monday, Tuesday, Thursday, 10.30.

5. Literature of the late Seventeenth and of the Eighteenth Centuries from Boileau to Beaumarchais. Written reports on outside reading as in Course 4. Second term: Monday, Tuesday, Thursday, 10.30.

6. Literature of the Seventeenth Century from Corneille to Racine. Written reports as in Courses 4 and 5. Third term: Monday, Tuesday, Thursday, 10.

PROFESSOR JOHNSON.

Courses 4, 5, and 6 are planned to give a general view of French literature in the modern period. The literary workmanship, the national environment, and the writer's place in general literature are the object of special study. They are elective for those who have taken Courses 1, 2, and 3, or an equivalent, or who have been accepted in Advanced French on admission. Weekly exercises in Prose Composition are conducted by Mr. Ham, and occupy one-third of the time allotted.

7. Poetry, non-dramatic, since Marot. First term: Tuesday, Thursday, Friday, 11.30.

8. Drama, since Jodelle. Second term: Tuesday, Thursday, Friday, 11.30.



## Courses of Instruction

9. Prose Fiction, since Rabelais. Third term: Tuesday, Thursday, Friday, 11.

[10. Theology, Philosophy, Morals, and Essays, since Calvin. First term.]

Omitted in 1902-1903.

[11. History, Memoirs, and Letters, since D'Aubigné. Second term.]

Omitted in 1902-1903.

[12. Literary criticism, since Du Bellay. Third term.]

Omitted in 1902-1903.

[PROFESSOR JOHNSON.]

Courses 7-9 and 10-12 are open to Juniors and Seniors who have taken Courses 1-6 or an equivalent. They are given in alternate years, and, combined, include a study of French literature since the Renaissance. The interpretation of sixteenth-century texts, in Darmsteter et Hatzfeld, Morceaux Choisis, is by the instructor. Written reports on assigned subjects are required in each course. Weekly exercises in Prose Composition are conducted by Mr. Ham and occupy one-third of the number of hours allotted.

### GERMAN

PROFESSOR FILES; MR. HAM

1. Grammar. First term: Div. C, Monday, Tuesday, Thursday, Friday, 2.30. Div. D, Monday, Tuesday, Thursday, Friday, 1.30.

2. Grammar. Translation of modern German prose. Second term: Div. C, Monday, Tuesday, Thursday, Friday, 2.30. Div. D, Monday, Tuesday, Thursday, Friday, 1.30.

3. Grammar. Translation of modern German prose and poetry. Third term: Div. C, Monday, Tuesday, Thursday, Friday, 2.30. Div. D, Monday, Tuesday, Thursday, Friday, 1.30.

MR. HAM.

Courses 1, 2, and 3 are required of Freshmen who offer French for admission, and of all Sophomores who have not previously taken these courses or an equivalent.

4. Prose Composition and Reading. Drama of the Classic Period. First term: Tuesday, 10.30. Thursday, Saturday, 9.30.

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5. Prose Composition and Reading. Course 4 continued. Second term: Tuesday, 10.30. Thursday, Saturday, 9.30.

6. Prose Composition and Reading. Courses 4 and 5 continued. Third term: Tuesday, 10. Thursday, Saturday, 9.

### PROFESSOR FILES.

Courses 4, 5, and 6 are elective for students who have taken Courses 1, 2, and 3 or an equivalent. They are intended primarily for students who propose to study the language a third year (German 10, 11, 12) and give abundant practice in prose composition and in reading the German of the Classic Period. Reports upon sight reading in assigned texts are also demanded. The subject for study during the year 1902-1903 will be Goethe and Schiller.

7. Fiction of the Nineteenth Century: Baumbach, Freytag. First term: Tuesday, 10.30. Thursday, Saturday, 9.30.

8. Scientific German: Chemistry, Geology, Physiology. Second term: Tuesday, 10.30. Thursday, Saturday, 9.30.

9. Selections from representative German historians: Giesebrecht, von Ranke, von Treitschke, von Sybel. Third term: Tuesday, 10. Thursday, Saturday, 9.

MR. HAM.

Courses 7, 8, and 9 are given parallel with Courses 4, 5, and 6 and at the same hours. They are designed to give abundant practice in reading modern German. Grammatical work is limited to the minimum necessary for the most economical acquirement of facility in reading. In addition to the work indicated above, a considerable amount of sight reading is required — principally in the tales of Andersen, and in the lyric and ballad poetry of Heine and Goethe. The courses are elective for students who have completed Courses 1, 2, and 3 or an equivalent.

10. History of German Literature to the Nineteenth Century. Lectures and collateral reading. First term: Monday, Thursday, Saturday, 11.30.

11. History of German Literature. Continuation of Course 10. Second term: Monday, Thursday, Saturday, 11.30.

12. History of German Literature. Continuation of Course 11. Third term: Monday, Thursday, Saturday, 11.

PROFESSOR FILES.

## Courses of Instruction

Courses 10, 11, and 12 are elective for students who have taken Courses 1, 2, and 3, and 4, 5, and 6 or equivalents. They are designed to give a careful survey of the history of German literature from the earliest times to the nineteenth century. The lectures are in German. In addition, a large amount of collateral reading is required both in assigned texts in periods which are being studied and in histories of German literature.

### SPANISH

MR. HAM

1. Grammar, composition, and reading. Loiseaux' "Grammar;" Ramsey's Reader. First term: Tuesday, Thursday, Friday, 3.30.
2. Continuation of Course 1. Ramsey's "Grammar;" novels of Alarcón and Valdés. First term: Tuesday, Thursday, Friday, 3.30.
3. Continuation of Course 2. Ramsey's "Grammar;" novels of Valera and Galdós. Third term: Tuesday, Thursday, Friday, 3.30.

Courses 1, 2, and 3 are elective for Juniors and Seniors.

### ENGLISH LITERATURE

PROFESSOR CHAPMAN

1. Literature of the Eighteenth Century. The Augustan writers. The beginning and progress of the romantic movement. First term: Monday, Tuesday, Wednesday, Friday, 9.30.
2. Poets of the Nineteenth Century. Chief representatives of the poetry of the century. About one-half the time of the course is given to Wordsworth, Tennyson, and Browning. Second term: Monday, Tuesday, Wednesday, Friday, 9.30.
3. American Literature. Lectures, readings, and text-book. Pancoast's "Introduction to American Literature." Third term: Monday, Tuesday, Wednesday, Friday, 9.

Courses 1, 2, and 3 form a consecutive course throughout the year. They are elective for Juniors and Seniors.

4. Early English Literature to the Fifteenth Century. Lectures, with special study of "Beowulf," "The Vision of Piers Plowman," and select portions of Chaucer. First term: Monday, Tuesday, Thursday, Friday, 1.30.

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5. Literature of the Elizabethan period (1500 to 1625). Lectures and readings. Special study of the plays of Shakespeare discussed in Moulton's "Shakespeare as a Dramatic Artist." Second term: Monday, Tuesday, Thursday, Friday, 1.30.

6. Literature of the Rebellion and Restoration periods (1625 to 1700). Lectures and readings, with particular attention to the prose of Bunyan, Brown, Walton, Taylor, and Milton, and the verse of Milton and Dryden. Third term: Monday, Tuesday, Thursday, Friday, 1.30.

Courses 4, 5, and 6 form a consecutive course throughout the year, but either course may be taken without the others. They are elective for Seniors.

## RHETORIC AND ORATORY

PROFESSOR MITCHELL ; MR. DYER

### RHETORIC

1. Hill's "Principles of Rhetoric." Rhetorical analysis of pieces of good literature; outside reading of modern English prose; four long themes and occasional page themes. First term: Div. A, Wednesday, Friday, Saturday, 9.30; Div. B, Wednesday, Friday, 10.30; Saturday, 8.30.

2. Hill's "Principles of Rhetoric;" Jevons's "Lessons in Logic." Analysis of great orations and arguments; outside reading of argumentative English prose; writing of four forensics; practice in debating. Second term: Div. A, Wednesday, Friday, Saturday, 9.30. Div. B, Wednesday, Friday, 10.30; Saturday, 8.30.

3. Wendell's "English Composition." Outside reading of modern English prose; four long themes and occasional page themes. Third term: Div. A, Wednesday, Friday, Saturday, 9. Div. B, Wednesday, Friday, 10; Saturday, 8.

Courses 1, 2, and 3 are required of all Freshmen, and in 1902-1903 of all Sophomores.

Themes. Four themes of not less than four hundred words each are required of all Juniors in each term. Subjects for themes are posted two weeks or more before the themes are due. Each theme is

## Courses of Instruction

carefully read, the mistakes are marked, and a general criticism is written on the outside. The instructor then meets each student, hears him read his theme, points out the faults and merits of his writing, and suggests lines of profitable reading.

### ELOCUTION

1. Informal lectures; drill in articulation, intonation, and gesture; short declamations with criticism by both students and instructor. Second term: Div. C, Thursday, 8.30. Div. D, Thursday, 2. Div. E, Thursday, 9.30. Div. F, Thursday, 3.

2. Declamations, previously rehearsed to the instructor, spoken before the class. Third term: Div. C, Thursday, 8. Div. D, Thursday, 2. Div. E, Thursday, 9. Div. F, Thursday, 3.

Courses 1 and 2 are required of all Freshmen.

### DEBATING

PROFESSORS MITCHELL, CALLENDER, AND DENNIS

1. Baker's "Principles of Argumentation." Practice in brief-drawing and oral debating. First term: Wednesday evening, 7.30-10.

Elective for Sophomores, Juniors, and Seniors.

### PHILOSOPHY

PRESIDENT HYDE

1. Psychology. James's "Psychology;" Stout's "Manual of Psychology." First term: Tuesday, Wednesday, Thursday, Friday, 8.30.

2. Ethics. Mackenzie's "Manual;" Plato's "Republic;" Aristotle's "Ethics;" examination of Mill's "Utilitarianism" and Spencer's "Data of Ethics." Second term: Tuesday, Wednesday, Thursday, Friday, 8.30.

[3. History of Philosophy. Weber's "History of Philosophy;" selections from Descartes, Locke, Berkeley, and Kant. Third term.] Omitted in 1902-1903.

4. The Problems of Philosophy. Paulsen's "Introduction to Philosophy." Third term: Tuesday, Wednesday, Thursday, Friday, 8.

Courses 1, 2, and 3 (or 4) are elective for Seniors and Juniors.

# Bowdoin College

## HISTORY AND POLITICAL SCIENCE

PROFESSOR DENNIS

[1. History of England to 1509. Gardiner's "Student's History of England." Vol. I. First term.]

Omitted in 1902-1903.

[2. History of England, 1509-1688. Gardiner's "Student's History of England." Vol. II. Second term.]

Omitted in 1902-1903.

[3. History of England, 1688-1887. Gardiner's "Student's History of England." Vol. III. Third term.]

Omitted in 1902-1903.

History 1, 2, and 3 form a consecutive course throughout the year. History 2 must be preceded by History 1, and History 3 by History 1 and 2. They are elective for Sophomores, Juniors, and Seniors, and for Freshmen, Class II. In addition to the lectures, reading in the text-book, and quizzes, collateral reading in assigned books will be required. Special attention will be paid to historical geography, and maps will be drawn by each member of the class. History 1, 2, and 3 are given in alternation with History 7, 8, and 9.

4. American History to 1783. Thwaite's "The Colonies" will be used as a text book, but collateral reading will be expected and reports on special topics involving considerable independent study will be required. First term: Monday, Tuesday, Wednesday, 11.30.

5. History of the United States, 1783-1829. Hart's "Formation of the Union" will be used as a text-book, but work similar to that in History 4 will be required. Second term: Monday, Tuesday, Wednesday, 11.30.

6. History of the United States, 1829-1865. In this course Johnston's "American Politics" and Burgess's "The Middle Period" will be useful to the student. The work done in History 5 will be continued. Third term: Monday, Tuesday, Wednesday, 11.

History 4, 5, and 6 form a consecutive course throughout the year. History 5 must be preceded by History 4, and History 6 by History 4 and 5. They are elective for Juniors and Seniors, and for Sophomores, Class II.

## Courses of Instruction

7. History of Europe from the Teutonic Invasions to the close of the Middle Ages. First term: Tuesday, Thursday, Friday, 1.30.

8. History of Europe from the Renaissance to the French Revolution. Second term: Tuesday, Thursday, Friday, 1.30.

9. History of Europe since 1789. Third term: Tuesday, Thursday, Friday, 1.30.

History 7, 8, and 9 form a consecutive course throughout the year and are governed by the same rules as History 1, 2, and

3. The work of the course will be similar to that in History 1, 2, and 3, emphasis being laid on continental history.

10. Modern European Governments. This course will be open only to those who have previously taken three terms in European History (History 1, 2, and 3, or 7, 8, and 9). Special emphasis will be laid on the English and Swiss systems, and the lectures will be supplemented by assigned readings. First term: Monday, Wednesday, Thursday, 10.30.

11. American Government. This course will be open only to those who have previously taken History 4, 5, and 6. Bryce's "American Commonwealth" and Cooley's "Principles of Constitutional Law" will be used as text-books. Collateral reading, reports of leading cases, and special reports on assigned topics will supplement the lectures. Second term: Monday, Wednesday, Thursday, 10.30.

[12. History of American Diplomacy. A study will be made of the general principles of international law, with special reference to the diplomatic history of the United States since 1783, the examination of treaties, and the discussion of foreign policy. This course is open only to those who have previously taken History 4, 5, and 6. Third term.]

Omitted in 1902-1903.

13. Municipal Government. This course is a continuation of History 11, and is open only to those who have taken that course. A study will be made of the forms and problems of local government with special reference to the administration of large municipalities. Third term: Monday, Wednesday, Thursday, 10.

This course is given in alternation with History 12.



# Bowdoin College

## ECONOMICS AND SOCIOLOGY

PROFESSOR CALLENDER

1. Elements of Economic Theory. Macvane's "Political Economy;" Mill's "Principles of Political Economy." Lectures and discussion of text-books. First term: Tuesday, Thursday, Friday, Saturday, 8.30.

Elective for Juniors and Seniors.

2. Money and Banking, with special reference to the experience of the United States. Dunbar's "Theory and History of Banking;" "Report of the Monetary Commission;" Taussig's "Silver Situation." Second term: Tuesday, Thursday, Friday, Saturday, 8.30.

Elective for Juniors and Seniors who have taken Course 1.

3. Public Finance. Special attention is given to taxation in United States. Daniel's "Public Finance;" Seligman's "Essays in Taxation." Lectures and assigned reading. Third term: Tuesday, Thursday, Friday, Saturday, 8.

Elective for Juniors and Seniors who have taken Course 1.

These courses will be open to Sophomores after 1902-1903.

[4. The Economic and Social History of the United States. First term.]

Omitted in 1902-1903.

[5. Continuation of Course 4. Second term.]

Omitted in 1902-1903.

[6. Continuation of Course 5. Third term.]

Omitted in 1902-1903.

Courses 4, 5, and 6 together give a general survey of the economic and social history of the American people from the middle of the eighteenth century to the present time, with a discussion of the more important economic and social questions with which they have had to deal during this period. The following are the principal subjects considered: the mercantile system and colonies in the eighteenth century; economic causes and consequences of the revolution; commercial relations during the confederation and European wars; the settlement of the west, and the public land policy; the history of transportation, including the early canal and turnpike enterprises of the states,

## Courses of Instruction

the various phases of railroad building, and the problems of railroad management and control; the rise of manufactures and the protective tariff policy; the growth of corporations, and the formation of trusts and industrial combinations; various social topics such as the origin and growth of negro slavery; the results of emancipation and present condition of the negro; immigration; the rise of the laboring class; agricultural discontent; and the influence of economic and social conditions on politics. Comparison will be made from time to time with the contemporary economic history of Europe.

These three courses are intended to form a continuous year's work. Course 6, which deals with social topics, may, however, be elected by those who have not taken 4 and 5. All three courses are elective for Juniors and Seniors whether or not they have taken Course 1. Courses 4, 5, and 6 are given in alternation with 7, 8, and 9.

7. Colonization. A study of the settlement of new countries, and the development of old ones by Europe and the United States, with special reference to the economic and social results of the "expansion" movement in recent times. The rise and decay of the old colonial system; the colonial policy of different nations in recent times, and its relation to general commercial policy; the extent and character of colonial trade; the movement of labor and capital to new countries; the industrial rehabilitation of Egypt, India, Japan, China, and Mexico; and the various race questions to which colonization has given rise, are among the topics considered. First term: Tuesday, Wednesday, Thursday, Friday, 9.30.

8. Practical Economic Problems. Methods of Railroad Management in different countries, and the questions of public ownership; growth of Monopolies and Trusts, and proposed methods of dealing with them; conflicts between Labor and Capital — Trades Unions, Co-operation, Socialism. Second term: Tuesday, Wednesday, Thursday, Friday, 9.30.

9. Sociology. A study of Theories of Social Progress, with reference to problems of social improvement. Bagehot's "Physics and Politics;" Haycraft's "Darwinism and Race Progress;" Mallock's "Aristocracy and Evolution;" Kidd's "Social Evolution." Third term: Tuesday, Wednesday, Thursday, Friday, 9.30.

Courses 7, 8, and 9 are elective for all Juniors and Seniors. Course 8 may be chosen by those only who have taken Course 1.

# Bowdoin College

## MATHEMATICS

PROFESSOR MOODY ; MR. —

1. Algebra. A review of selected portions of the preparatory algebra, followed by a study of series and limits, indeterminate equations, undetermined coefficients, binomial theorem, and higher equations. Study of logarithms with applications drawn from plane geometry. First term: Div. A, Monday, Tuesday, Wednesday, Friday, 8.30. Div. B, Monday, Tuesday, Wednesday, Friday, 9.30.

2. Geometry and Trigonometry. Solid geometry with mensuration and original theorems. Plane trigonometry through the solution of right triangles. Second term: Div. A, Monday, Tuesday, Wednesday, Friday, 8.30. Div. B, Monday, Tuesday, Wednesday, Friday, 9.30.

3. Trigonometry. Demonstration of fundamental formulas and proof of exercises drawn therefrom; the theory and use of six-place logarithmic tables; the solution of oblique triangles with problems and applications. Third term: Div. A, Monday, Tuesday, Wednesday, Friday, 8. Div. B, Monday, Tuesday, Wednesday, Friday, 9.

Courses 1, 2, and 3 are required of all Freshmen except those who pass in these subjects at the entrance examinations. Brief optional courses are given each term respectively, in advanced algebra, mensuration or elementary modern geometry, and surveying.

4. Spherical Trigonometry and Analytic Geometry. A summary of spherical trigonometry through the solution of oblique triangles, and the completion of Ashton's "Plane Analytic Geometry." First term: Monday, Tuesday, Wednesday, Friday, 11.30.

5. Differential Calculus. Byerly's text-book, with additional work in curve tracing and solid analytic geometry. Second term: Monday, Tuesday, Wednesday, Friday, 11.30.

6. Calculus. Text-book completed and work extended to include double and triple integrals for surfaces and volumes. Third term: Monday, Tuesday, Wednesday, Friday, 11.

Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3, or an equivalent.

7, 8, and 9. Integral Calculus and Elliptic Functions. Byerly's "Integral Calculus," with lectures and collateral reading. First, second, and third terms. Monday, Tuesday, Thursday: 4.

## Courses of Instruction

Courses 7, 8, and 9 form a consecutive course throughout the year, and are given in alternation with Courses 10, 11, and 12. They are elective for those who have taken Courses 1 to 6 inclusive or their equivalents.

[10, 11, and 12. Modern Methods in Pure and Analytic Geometry. First, second, and third terms.]

Omitted in 1902-1903.

### PHYSICS AND ASTRONOMY

#### PHYSICS

PROFESSOR HUTCHINS; MR. —

1. Mechanics and Heat. Lectures and laboratory work, with some book of college grade for reference and discussion. First term: Monday, Tuesday, 8.30 to 10.30. Wednesday, Friday, 8.30.

2. Sound and Electricity. Lectures and laboratory work as above. Second term: Tuesday, Thursday, 8.30 to 10.30. Wednesday, Friday, 8.30.

3. Finish Electricity and Light. Lectures and laboratory work as above. Third term: Tuesday, Thursday, 8 to 10. Wednesday, Friday, 8.

PROFESSOR HUTCHINS.

Courses 1, 2, and 3 are elective for Sophomores, Juniors, and Seniors and for Freshmen entering without Greek.

4. Electricity and Magnetism. Thompson's "Electricity," 2nd part, and laboratory work. First term: Tuesday, Thursday, Friday, 1.30 to 3.30.

5. Heat. Maxwell's "Theory of Heat" and laboratory work. Second term: Tuesday, Thursday, Friday, 1.30 to 3.30.

6. Light. Preston's "Theory of Light." Third term: Tuesday, Thursday, Friday, 1.30 to 3.30.

MR. —

Courses 4, 5, and 6 are elective upon consultation with the instructor to Juniors and Seniors who have taken Courses 1, 2, and 3.

# Bowdoin College

## ASTRONOMY

PROFESSOR HUTCHINS

1, 2, and 3. Young's "Manual of Astronomy" and other reading. Observatory practice: Instruments used in navigation, transit, equatorial, etc. Reduction of observation and problems in practical astronomy. Monday, Tuesday, and Friday at 2.30 throughout the year or at other hours arranged by the instructor.

Astronomy 1, 2, and 3 are elective for Sophomores, Juniors, and Seniors.

## SHOP-WORK

MR. SIMPSON

1, 2, and 3. A course in Shop-work is given in the year 1902-1903 for the first time. It is intended for those who propose to enter technical professions or schools. The work is done in the machine shop of the Searles Science Building; it includes pattern-making, moulding, and casting machine and hand tools. Students are required to make scale drawings and from these finish some useful piece of apparatus. First, second, and third terms, Monday, Tuesday, Thursday, Friday, 1.30 to 3.30.

## CHEMISTRY AND MINERALOGY

PROFESSOR ROBINSON

### CHEMISTRY

1. General Chemistry. Lectures and laboratory work. The occurrence, preparation, and properties of the common elements; combustion, oxidation, distillation, solution, and crystallization. First term: Monday, Wednesday, 10.30; Thursday, Saturday, 10.30 to 12.30.

Elective for Juniors and Seniors.

2. General Chemistry, including a few exercises in organic chemistry. Preparation of compounds; quantitative relations; the atomic

## Courses of Instruction

theory. Second term: Monday, Wednesday, 10.30; Thursday, Saturday, 10.30 to 12.30.

Elective for those who have taken Course 1, or its equivalent.

3. Qualitative Analysis. Laboratory work in systematic analysis for common bases and acids. First term: Monday, Tuesday, Thursday, Friday, 2.30.

Elective for those who have taken Courses 1 and 2, or their equivalents.

4. Quantitative Analysis. Typical analyses. General organic chemistry. Second term: Monday, Tuesday, Thursday, Friday, 2.30.

Elective for those who have taken Courses 1, 2, and 3.

5. Organic Chemistry. Sugars, starches, alkaloids, etc. The principles of physiological chemistry for those intending to study medicine. Third term: Monday, Tuesday, Thursday, Friday, 2.30.

Elective for those who have taken enough of the preceding courses to be qualified.

### MINERALOGY

1. Descriptive Mineralogy. Common minerals, and methods of knowing them. Third term: Monday, Wednesday, 10; Thursday, Saturday, 10 to 12.

Elective for those who have taken Chemistry 1, and for other qualified Juniors and Seniors.

2. Determinative Mineralogy and Metallurgy. Mineralogy of the useful metals and their ores. Third term: Monday, Tuesday, Thursday, Friday, 2.30.

Elective for those who have taken Course 1.

### BIOLOGY AND GEOLOGY

PROFESSOR LEE

#### BIOLOGY

1. Botany. Leavitt's "Outlines." Third term: Monday, 9 to 11; Thursday, Saturday, 10 to 12.

Elective for Sophomores.

2. Zoölogy. Parker's "Elementary Zoölogy." First term: Monday, Tuesday, Thursday, Friday, 1.30 to 3.30.

Elective for Juniors and Seniors.

# Bowdoin College

3. Zoölogy. Parker's "Elementary Zoölogy." Second term: Monday, Tuesday, Thursday, Friday, 1.30 to 3.30.

Elective for those who have taken Course 2.

4. Physiology. Huxley's "Physiology." Third term: Monday, Tuesday, Thursday, Friday, 1.30 to 3.30.

Elective for those who have taken Courses 2 and 3. Courses 2, 3, and 4 form a continuous course in animal biology, from single-celled organisms to man.

5. Histology. Stöhr's "Histology." First term: Monday, Saturday, 8.30 to 10.30; Tuesday, Friday, 10.30 to 12.30.

Elective for Juniors and Seniors who have taken Courses 2, 3, and 4.

6. Anatomy. Lectures and Laboratory Work. Second term: Monday, Saturday, 8.30 to 10.30; Tuesday, Friday, 10.30 to 12.30.

Elective for those who have taken Course 5.

7. Anatomy. Lectures and Laboratory Work. Third term: Monday, Saturday, 8 to 10; Tuesday, Friday, 10 to 12.

Elective for those who have taken Courses 5 and 6. Courses 5, 6, and 7 include laboratory work in Comparative Anatomy, Histology, and Physiology, preparatory to the study of medicine.

## GEOLOGY

1. Geology. Brigham's "Geology." First term: Monday, 9.30 to 11.30; Thursday, Saturday, 10.30 to 12.30.

Elective for Sophomores.

2. Geology. Lectures and laboratory work. Second term: Monday, 9.30 to 11.30; Thursday, Saturday, 10.30 to 12.30.

Elective for those who have taken Course 1.

## HYGIENE AND PHYSICAL TRAINING

DR. WHITTIER

### HYGIENE

Lectures on Human Anatomy, Physiology, and Personal Hygiene. First term: Thursday, 11.30.

Required of Freshmen.



## Courses of Instruction

The Director of the Gymnasium gives each student a thorough medical and physical examination. From the measurements and strength tests taken a chart is made out for each student, showing his size, strength, and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. At the same time the student receives a hand-book containing the exercises prescribed for the purpose of correcting the physical defects shown by his chart, with specific directions in regard to diet and bathing.

### PHYSICAL TRAINING

1. Class exercises: military drill, setting-up drill, and Indian-club swinging. Squad exercises (graded to suit the strength of each squad): indoor athletics, chest weights, and heavy gymnastics. Second term: Monday, Tuesday, Thursday, 11.30.

Required of Freshmen.

2. Class exercises: dumb-bells and boxing. Squad exercises: indoor athletics and wrestling. Second term: Monday, Tuesday, Thursday, 3 30.

Required of Sophomores.

3. Class exercises: fencing with single-sticks and with broad-swords. Squad exercise: indoor athletics. Second term: Monday, 4.30; Wednesday, Friday, 3.30.

Required of Juniors.

4. Class exercise: fencing with foils. Squad exercise: indoor athletics. Second term: Tuesday, Wednesday, Friday, 4.30.

Required of Seniors.

### COURSES IN THE MEDICAL SCHOOL

By vote of the Faculty, the work in Anatomy, Physiology, and Chemistry, in the first year of the course in the Medical School, is accepted in place of the four courses of the last two terms of Senior year.

Students intending to avail themselves of this privilege are required to register their choice with the Registrar not later than December 1.

## **Administration of the College**

### **DEGREES**

The degree of Bachelor of Arts is conferred by the Boards of Trustees and Overseers, on recommendation of the Faculty, upon those students in regular standing who have duly completed the academic course prescribed by the regulations of the government of the college.

The degree of Master of Arts is conferred upon those graduates of the college who, after taking the Bachelor's degree, complete an approved course of advanced study equivalent to one year's graduate work, and pass with credit a written and oral examination on the same. Application for the degree must be made to the Faculty not later than April 1 in the year in which the candidate presents himself for examination.

### **GOVERNMENT**

In all matters pertaining to the good order of the college, and the relations of the students to one another, the students govern themselves through a Jury.

The Jury consist of undergraduate students in good and regular standing, chosen as follows : each of the four classes elects one member ; each chartered chapter of an intercollegiate fraternity of three or more years' standing in the college elects one member ; and all who do not belong to any such fraternity elect one member.

The Jury have absolute and final jurisdiction over all cases of public disorder and all offences committed by students against each other. The Faculty have jurisdiction over conduct during college exercises, conduct toward college officers, damage to college buildings, and all matters of personal morality which affect primarily the character and reputation of individual students.

# Administration of the College

The following are the members of the Jury for 1902-1903.

George Bourne Farnsworth (Θ. Δ. X.), *Foreman*

Selden Osgood Martin (Z. Ψ.), *Secretary*

Robert Calvin Bisbee (B. Θ. II.)	Herbert Ellery Thompson (Non.
Carl Spencer Fuller (1903)	Soc.)
Ralph Wellington Hellenbrand	Galen Wentworth Hill (K. Σ.)
(Δ. K. E.)	George Colby Purington, Jr.,
Albert Perry Holt (A. Δ. Φ.)	(1904)
Sydney Bartels Larrabee (Ψ. Υ.)	Walter Braden Clark (1905)
Philip Freeland Chapman (1906)	

## ATHLETIC COUNCIL

The active regulation of the athletic interests of the college is represented by the Athletic Council of the general Athletic Association of Bowdoin College. It consists of twelve members, two of whom are chosen from the Faculty of the college, and five each from the Alumni and Student bodies. The members for the year 1902-1903 are as follows:—

### *Alumni*

Charles Taylor Hawes, *Chairman*  
Franklin Conant Payson  
Henry Asa Wing  
Roland William Mann  
Barrett Potter

### *Students*

Philip Owen Coffin (1903)  
Luther Dana (1903)  
Millard Filmore Chase (1904)  
Samuel Trask Dana (1904)  
Stanley Williams (1905)

### *Faculty*

Professor William Albion Moody  
Dr. Frank Nathaniel Whittier

## RELIGIOUS EXERCISES

All students are required to attend devotional exercises, consisting of the reading of Scripture, singing, and prayer, held in the College Chapel every week-day morning, and a brief service, including an address by the President, on Sunday afternoon. Every student is also expected to attend the exercises of public worship on the Sabbath at one of the churches in Brunswick.

# Bowdoin College

Prayer-meetings, under the direction of the Young Men's Christian Association, a religious organization of the students, are held on Thursday evenings, and other meetings on Sunday, to which all members of the college are cordially invited.

## TERMS AND VACATIONS

The Academic Year is divided into three terms, — a Fall term of thirteen weeks, a Winter term of fourteen weeks, and a Spring term of ten weeks. The holiday vacation of one week follows the first term, the Spring recess of a week follows the second term, and the Summer vacation of thirteen weeks follows Commencement Day. Commencement Day is the fourth Thursday of June.

## RANK

The rank of a student in each course is determined by a combination of marks given (1) for attendance at required exercises, and (2) for quality of work done. Attendance rank is averaged on a scale of *six*. Credit for work performed is averaged on a scale of *ten*. This method of computation permits a maximum average term rank of *eight*. It is this rank that is made the basis of awards and conditions.

## EXAMINATIONS

The regular examinations of the college are held at the close of each term.

A student who fails to pass any of the regular examinations is conditioned, and will be subject to the following regulations :

1. If the course in which the condition was incurred was a *required* course, the condition must be made up by taking the course over again; except as provided in Article 3 below.

2. If the course was *elective*, the condition may be made up either (1) by taking the course over again in case it is repeated within one year, and provided there is no conflict of hours, or (2) by substituting another elective in its place.

3. Any student may make up a condition in either a required or an elective course under the direction of a private tutor with the consent

## Administration of the College

of the Recorder and the instructor concerned. In each instance the tutor will be required to certify that the work of the course has been satisfactorily completed to entitle the student to re-examination.

4. Examinations in work to make up conditions may be taken only during the time of the regular term examinations.

5. All conditions must be made up within one year of the time of their being incurred.

### REPORTS OF STANDING

A report of the rank of each student is sent to the parent or guardian at the close of each term. The report contains a statement of the standing of the student in each of his courses, together with the number of unexcused absences from church and chapel.

Rank is computed according to the method described above; it is preserved on the college records, and reported to the parent or guardian, in the letters A, B, C, D, and E. The maximum average term rank is 8, and A signifies a rank of 7.5 or over; B, a rank not lower than 7 nor higher than 7.4; C, a rank not lower than 6 nor higher than 6.9; D, a rank not lower than 5.5 nor higher than 5.9; and E, a rank lower than 5.5 and a condition.

### ABSENCES

In case a student, for any reason, wishes to be absent from college for one week or longer, he is required to obtain previous permission from the Faculty, when possible. If it be impossible to make petition before leaving, the Faculty should be notified as early as possible, through the Class Officer.

### MEDICAL ATTENDANCE

A fund of \$1,000, given by Mr. and Mrs. GEORGE F. GODFREY of Bangor, in memory of their son, HENRY PRENTISS GODFREY, is devoted to providing medical attendance for students who may be sick while in college.

## Scholarships

The income of over One Hundred and Twenty-five Thousand Dollars is devoted to scholarships and prizes in aid of meritorious students of slender means.

Applications for scholarships must be made upon blank forms furnished at the office of the Treasurer of the college. They must be made out anew each year; signed by both the student and his parent or guardian; and deposited in the Treasurer's office before November 1.

**BROWN MEMORIAL SCHOLARSHIPS.** A fund for the support of four scholarships in Bowdoin College, given by Hon. J. B. BROWN of Portland, in memory of his son, JAMES OLCOTT BROWN, A.M., of the Class of 1856.

According to the provisions of this foundation, there will be paid annually the income of one thousand dollars to the best scholar in each undergraduate class who shall have graduated at the High School in Portland after having been a member thereof not less than one year.

**SHEPLEY SCHOLARSHIP.** A fund of \$1,000, given by Hon. ETHER SHEPLEY, LL.D., of Portland, late Chief Justice of the Supreme Court of Maine.

**MARY L. SAVAGE MEMORIAL SCHOLARSHIP.** A scholarship of \$1,000, founded by Rev. WILLIAM T. SAVAGE, D.D., of Quincy, Ill., in memory of his wife, MARY L. SAVAGE.

**BENJAMIN DELANO SCHOLARSHIP.** A scholarship of \$1,000, bequeathed by Captain BENJAMIN DELANO of Bath.

**AND EMERSON SCHOLARSHIPS.** A fund amounting at present to \$5,000, given by AND EMERSON, Esq., of Boston, through Rev. Dr. E. B. WEBB.

**STEPHEN SEWALL SCHOLARSHIP.** A scholarship of \$1,000, given by Deacon STEPHEN SEWALL of Winthrop.

## Scholarships

The income of the preceding five scholarships is to be appropriated for the aid of students preparing to enter the ministry of the Evangelical Trinitarian churches.

**JOHN C. DODGE SCHOLARSHIP.** A fund of \$1,000, given by Hon. JOHN C. DODGE, LL.D.

**ALFRED JOHNSON SCHOLARSHIPS.** Three scholarships of \$1,000 each, founded by ALFRED WALDO JOHNSON of Belfast, of the Class of 1845 in memory of his grandfather, Rev. ALFRED JOHNSON, and of his father, Hon. ALFRED JOHNSON.

**WILLIAM B. SEWALL SCHOLARSHIP.** A scholarship of \$1,000, founded by Mrs. MARIA M. SEWALL, in memory of her husband, WILLIAM B. SEWALL, Esq.

**MARY CLEAVES SCHOLARSHIPS.** Three scholarships of \$1,000 each, founded by the will of Miss MARY CLEAVES.

**CRAM MEMORIAL SCHOLARSHIP.** A scholarship of \$1,000, founded by Hon. MARSHALL CRAM of Brunswick, in memory of his son, NELSON PERLEY CRAM, of the Class of 1861, who lost his life in the service of his country.

**JAMES MEANS SCHOLARSHIP.** A scholarship of \$2,000, given by WILLIAM G. MEANS, Esq., of Andover, Mass., in memory of his brother, Rev. JAMES MEANS, of the Class of 1833, who died in the service of his country.

**CHARLES DUMMER SCHOLARSHIPS.** A fund of \$6,000, given by Mrs. ALMIRA C. DUMMER, in memory of her husband, CHARLES DUMMER, A.M., who was for many years a member of the Board of Overseers.

**W. W. THOMAS SCHOLARSHIPS.** Six scholarships of \$1,000 each, founded by Hon. W. W. THOMAS of Portland, to be awarded under certain conditions.

**BUXTON SCHOLARSHIP.** A fund at present amounting to \$2,500, contributed by CYRUS WOODMAN, Esq., of Cambridge, Mass., in aid of deserving students, preference being given to natives and residents of Buxton.

**PIERCE SCHOLARSHIP.** A scholarship of \$1,000, bequeathed by Mrs. LYDIA PIERCE of Brunswick, in memory of her son, ELIAS D. PIERCE.



## Bowdoin College

BLAKE MEMORIAL SCHOLARSHIPS. A fund of \$4,000, bequeathed by Mrs. NOAH WOODS of Bangor, in memory of her son, WILLIAM A. BLAKE, of the Class of 1873.

HULDAH WHITMORE SCHOLARSHIPS. Two scholarships of \$2,500 each, given by Hon. WILLIAM GRISWOLD BARROWS, LL.D., of Brunswick, in memory of his wife, to be awarded by the President under certain conditions.

NATHANIEL MCLELLAN WHITMORE SCHOLARSHIP AND GEORGE SIDNEY WHITMORE SCHOLARSHIP. Two scholarships of \$1,000 each, given by Mrs. MARY J. WHITMORE, in memory of her sons, NATHANIEL MCLELLAN WHITMORE, of the Class of 1854, and GEORGE SIDNEY WHITMORE, of the Class of 1856.

GEORGE FRANKLIN BOURNE SCHOLARSHIP. A scholarship of \$1,000, given by Mrs. NARCISSA SEWALL BOURNE, of Winthrop.

LOCKWOOD SCHOLARSHIP. A scholarship of \$1,000, established in memory of Hon. AMOS DEFORREST LOCKWOOD, a former treasurer of the college.

WILLIAM LITTLE GERRISH SCHOLARSHIP. A scholarship of \$1,000, given by Dr. F. H. GERRISH, in memory of his brother, WILLIAM LITTLE GERRISH, of the Class of 1864.

LAWRENCE SCHOLARSHIPS. A fund of \$6,000, given by Mrs. AMOS LAWRENCE of Massachusetts, the income to be annually appropriated for the whole or a part of the tuition of meritorious students who may need pecuniary assistance, preference being given to those who shall enter the college from Lawrence Academy, at Groton, Mass.

G. W. FIELD SCHOLARSHIPS. Two scholarships of \$2,000 each, given by Rev. GEORGE W. FIELD, D.D., of Bangor, of the Class of 1837. In awarding the scholarships, preference is to be given, first, to students or graduates of the Bangor Theological Seminary, and second, to graduates of the Bangor High School.

JUSTUS CHARLES FUND. A fund established by the will of JUSTUS CHARLES of Fryeburg, for such indigent students as, in the opinion of the President, are most meritorious, deserving, and needy.

MOSES R. LUDWIG AND ALBERT F. THOMAS SCHOLARSHIP. Founded by Mrs. HANNAH C. LUDWIG of Thomaston.

## Scholarships

JOSEPH N. FISKE SCHOLARSHIP. A scholarship of \$1,000, given by Mrs. CHARLOTTE M. FISKE of Boston, in memory of her husband.

CROSBY STUART NOYES SCHOLARSHIPS. Two scholarships of \$2,000 each, established by CROSBY S. NOYES, A. M., of Washington, D. C. In awarding these, preference is to be given to natives or residents of Minot.

HENRY T. CHEEVER SCHOLARSHIP. A scholarship of \$500, given by Rev. HENRY T. CHEEVER, D.D., of Worcester, Mass., to be awarded by the President under certain conditions.

MOSES M. BUTLER SCHOLARSHIPS. A fund of \$10,000 given by Mrs. OLIVE M. BUTLER, of Portland, in memory of her husband, MOSES M. BUTLER, of the Class of 1845, to establish four scholarships.

STANWOOD ALEXANDER SCHOLARSHIP. A scholarship of \$2,500, given by Hon. D. S. ALEXANDER, of Buffalo, N. Y., Class of 1870, in memory of his father, STANWOOD ALEXANDER, of Richmond, Maine, to be awarded under certain conditions.

JOSEPH LAMBERT FUND. Bequest of \$1,000 by Mrs. ANN E. LAMBERT, of Jamaica Plain, Mass.

JOHN PRESCOTT WEBBER, Jr., SCHOLARSHIP. \$2,500, given by JOHN P. WEBBER, Esq., of Boston, Mass., in memory of his son, JOHN PRESCOTT WEBBER, Jr., of the Class of 1903.

ELLEN J. WHITMORE SCHOLARSHIP. A scholarship of \$2,000, given by Miss ELLEN J. WHITMORE, of Brunswick.

CYRUS WOODMAN SCHOLARSHIPS. \$3,000 given by Miss MARY WOODMAN, of Cambridge, Mass., to establish one or more scholarships in memory of her father.

FRED WHITNEY FLOOD SCHOLARSHIP. The sum of \$100 is given each year by LEWIS CLINTON HATCH, of Bangor, of the Class of 1895, as a scholarship in memory of his class-mate, FRED WHITNEY FLOOD.

GARCELON and MERRITT FUND. The sum of \$500 from the income of the GARCELON and MERRITT FUND is appropriated for the aid of worthy students.

# Bowdoin College

**WILLIAM LAW SYMONDS SCHOLARSHIP.** A fund of \$3,000, founded by his family in memory of WILLIAM LAW SYMONDS, of the Class of 1854; the income to be applied by the Faculty in aid of Bowdoin students, preference to be given to those showing tendency to excellence in Literature.

## Prizes

**SMYTH MATHEMATICAL PRIZE.** A fund of \$5,000, the gift of HENRY J. FURBER, Esq., of Chicago, named by him in honor of PROFESSOR WILLIAM SMYTH. From the present income of the fund \$300 is given to that student in each Sophomore Class who obtains the highest rank in the mathematical studies of the first two years. The rank is determined mainly by the daily recitations; but the Faculty may at their discretion order a special examination, the result of which will be combined with the recitation rank. The successful candidate receives \$100 at the time the award is made. The remaining \$200 is paid to him in installments at the close of each term during Junior and Senior years. If a vacancy occurs during those years, the next in rank secures the benefit of the prize for the remainder of the time.

**DAVID SEWALL PREMIUM.** Prizes amounting to Ten Dollars are awarded to members of the Sophomore Class for excellence in Oratory at their annual Prize Declamation.

**BROWN COMPOSITION PRIZES.** Two prizes, one of Thirty Dollars and one of Twenty Dollars, established by Mr. PHILIP G. BROWN of the Class of 1877, in memory of PHILIP HENRY BROWN, Esq., of Portland, of the Class of 1851, are offered to the Senior Class for excellence in Extemporaneous English Composition.

**SEWALL GREEK PRIZE.** A prize of Twenty-five Dollars, given by Professor JOTHAM BRADBURY SEWALL, of Boston, of the Class of 1848, formerly Professor of Greek in the college, is awarded to the member of the Sophomore Class who sustains the best examination in Greek.

**SEWALL LATIN PRIZE.** A prize of Twenty-five Dollars, also given by Professor SEWALL, is awarded to the member of the Sophomore Class who sustains the best examination in Latin.

## Prizes

**GOODWIN COMMENCEMENT PRIZE.** A prize of Fifty Dollars, given by Rev. Dr. DANIEL RAYNES GOODWIN, of Philadelphia, of the Class of 1832, is awarded each year to the author of the best Commencement Part.

**CLASS OF 1868 PRIZE.** A prize of Forty Dollars, contributed by the Class of 1868, is given annually to the author of the best written and spoken oration in the Senior Class.

**PRAY ENGLISH PRIZE.** A prize of Fifty Dollars, given by Dr. THOMAS J. W. PRAY of Dover, N. H., of the Class of 1844, is awarded each year to the best scholar in English Literature and original English Composition.

**GOODWIN FRENCH PRIZE.** A prize of Twenty-five Dollars, given by Rev. Dr. DANIEL RAYNES GOODWIN, is awarded annually to the best scholar in French.

**NOYES POLITICAL ECONOMY PRIZE.** This prize, consisting of the annual income of one thousand dollars, was established by CROSBY STUART NOYES, A.M., and is awarded to the best scholar in Political Economy.

**CLASS OF 1875 PRIZE IN AMERICAN HISTORY.** This prize, consisting of the annual income of three thousand dollars, was established by WILLIAM J. CURTIS of New York City, of the Class of 1875, and will be awarded to that student who shall write the best essay and pass the best examination on some assigned subject in American History.

**SPECIAL PRIZE IN EUROPEAN HISTORY.** This prize, of the value of \$50, has been offered anonymously for the year 1902-1903 and will be awarded to that student who shall write the best essay on some assigned subject in European History, and who at the same time shall maintain a high grade in his history courses.

**BRADBURY DEBATING PRIZES.** Prizes amounting to \$60, given by Hon. JAMES WARE BRADBURY, LL.D., of the Class of 1825, are awarded each year to members of the Junior and Senior Classes for excellence in debating.

**HAWTHORNE PRIZE.** A prize of \$40, given by Mrs. GEORGE C. RIGGS (Kate Douglas Wiggin) of New York, is awarded each year to the author of the best short story. The competition is open to members of the Junior and Senior Classes.

## College Expenses

Term bills, containing college charges, are mailed to the parent or guardian of each student at the close of each term, and become payable at once. No degrees are conferred upon students who have not paid their dues to the college.

The following table exhibits three scales of annual expenditure, omitting clothing, washing, travelling expenses, and board during the vacations.

	Lowest.	Average.	Liberal.
Tuition . . . . .	\$75 00	\$75 00	\$75 00
Incidental college charges . . . . .	8 00	15 00	25 00
Room rent (two persons sharing one room)	25 00	35 00	45 00
Heating and lighting (two persons sharing one room) . . . . .	15 00	25 00	30 00
Furniture (two persons sharing one room)		15 00	25 00
Board, thirty-six weeks . . . . .	108 00	135 00	180 00
Books and stationery . . . . .	11 00	20 00	40 00
Class dues, societies, subscriptions, etc. .	8 00	20 00	40 00
	<hr/>	<hr/>	<hr/>
	\$250 00	\$340 00	\$460 00

The rent of college rooms in Appleton, Maine, and Winthrop Halls, including heat, is as follows:

Rooms on first and third floors . . . . .	\$102 00
Rooms on second floor . . . . .	108 00
Rooms on fourth floor . . . . .	72 00

Except Nos. 1, 17, and 18 Winthrop Hall, which rent for \$96, and No. 4, which rents for \$120.

## The College Buildings

There are eleven college buildings, with a twelfth in process of construction. The spacious campus, of about forty acres, upon which they are grouped is within five minutes' walk of the railroad station, one mile from the Androscoggin River with its picturesque falls, and about three miles from the shores of Casco Bay. A central heating and lighting plant supplies steam heat and electric light to all the buildings, which are also connected with the water and sewerage systems of the town.

### MASSACHUSETTS HALL

This hall, named for the mother state from which the college derives its charter, was the first building erected for the uses of the college. On the first floor are the offices of the treasurer of the college, and a lecture room in which are the quaint old colonial fireplace and oven as used for a time by the family of the first president.

The second and third floors have been thrown together and converted into a cabinet of natural history through the liberality of the late Peleg Whitman Chandler, of the Class of 1834, and named the Cleaveland Cabinet, in memory of Professor Parker Cleaveland. It contains, besides other collections, the mineralogical collection which has the special interest of having been the basis of Professor Cleaveland's "Treatise on Mineralogy and Geology," the first systematic treatise on mineralogy published in this country.

### THE DORMITORIES

There are three dormitories, of brick and stone, each one hundred feet by forty, and four stories in height. In the order of their erection they are Maine Hall, named for the District (now the State) of Maine; Winthrop Hall, named in honor of Governor John Winthrop of the Massachusetts Bay Colony; and Appleton Hall, named in honor of President Jesse Appleton, the second president of the college. Each of these dormitories contains thirty-two *suites*, consisting of a sitting-room or study, a bedroom, and an ample closet. The rooms are heated and lighted with steam and electricity from the central station, and the dormitories are supplied with water from the town system, and provided with toilet rooms.



# Bowdoin College

## KING CHAPEL

The chapel, built of undressed granite, and named in honor of Governor William King, the first Governor of Maine, is a Romanesque Church, the façade of which is marked by twin towers and spires which rise to the height of one hundred and twenty feet. The aisles and chancel are shut off from the nave by partition walls, and contain the college library of seventy thousand volumes. The nave is the chapel proper, in which are held the daily religious exercises of the college. There is a broad central aisle, from either side of which rise the ranges of seats after the manner of a cathedral choir. The platform, with the reading-desk, occupies the entire width of the chapel at its eastern end, and behind it rises the rood-screen of carved and panelled walnut, surmounted by a rood-gallery affording entrance to an upper room in the chancel; and through this entrance is seen, from the chapel below, an oriel window. From the walnut wainscoting on the sides of the chapel to the clerestory windows an unbroken wall, more than thirty feet in height, is divided by decorative frescoing into large panels in which are mural paintings—the gifts of individuals and of college classes—representing the Annunciation, the Adoration, the Baptism, and the Ascension, Paul preaching at Mars Hill, the Healing at the Beautiful Gate, St. Michael and the Dragon, Adam and Eve after the Transgression, and the Giving of the Law. A decorated ceiling which is carried up into the roof has a blue ground overlaid with golden stars. The music gallery is over the entrance to the chapel, between the two towers, and contains an organ which was a gift to the college from Oliver Crocker Stevens, of the Class of 1876, and Mrs. Stevens.

## MEMORIAL HALL

This building, erected by the contributions of alumni and friends, is a memorial to the graduates and students of the college who served in the Union army or navy during the Civil War. It is a granite structure in the French-Gothic style of architecture. On the first floor are four recitation rooms, and the office of the Registrar. The memorial hall proper occupies the whole of the second floor, and is a spacious audience room used for exhibitions and other public exercises. Aside from its architectural and decorative finish, it is notably adorned with busts and portraits of presidents, professors, benefactors, and distinguished graduates of the college. The names and military



## The College Buildings

rank of two hundred and ninety Bowdoin men who fought to maintain the Union are inscribed on bronze tablets, the gift of Thomas Hamlin Hubbard, of the Class of 1857.

### MARY FRANCES SEARLES SCIENCE BUILDING

This building was a gift to the college from Mr. Edward F. Searles, in memory of his wife, whose name it bears. It is built of Perth Amboy brick, with trimmings of Ohio stone, and is practically fire-proof. It is of the Elizabethan style of architecture, one hundred and eighty feet in length, and, with its two wings, one hundred and five feet in depth. It is three stories in height, with a high, well-lighted basement, and contains the college clock, which strikes the hours and half-hours. It is designed for the use of the three departments of chemistry, physics, and biology, and contains both large and small laboratories for each of these departments, with lecture rooms, offices, store rooms, cabinets, a work room for the manufacture of apparatus, a conservatory for plants, etc. It is fitted with all the devices and conveniences which experience has found to be desirable, and is fully adapted to the uses for which it was designed.

### WALKER ART BUILDING

This building, designed for the exhibition of the art treasures of the college, — except the portraits and busts in Memorial Hall and the mural paintings in King Chapel, — was erected by the Misses Harriet and Sophia Walker, of Waltham, Massachusetts, as a memorial of their uncle, the late Theophilus Wheeler Walker. It is one hundred feet in length by seventy-three in depth, and is surrounded on three sides by a brick-paved terrace, about twenty-five feet in breadth, with granite supporting walls and parapets. The materials used in the building are Freeport granite, Indiana limestone, and brick.

The main entrance consists of a loggia, in front of which, and supporting the wall above, are six Ionic columns of stone. Niches in the front wall of the building on either side of the loggia contain bronze copies, by De Angelis of Naples, of the classical statues of Demosthenes and Sophocles. Pedestals on either side of the ascent to the loggia are surmounted by copies in stone of the lions of the Loggia dei Lanzi.

The entrance from the loggia is to the Sculpture Hall, occupying the central portion of the building, beneath a dome which rises to the height of forty-seven feet, and furnishes light to the apartment

## Bowdoin College

through a skylight at the top. The four tympana below the dome, each twenty-six feet in width, are filled with four paintings symbolizing the artistic achievements of Athens, Rome, Florence, and Venice, executed by Messrs. John La Farge, Elihu Vedder, Abbott Thayer, and Kenyon Cox, respectively. Casts of classical figures and groups of statuary are exhibited in this room.

The Bowdoin, Boyd, and Sophia Wheeler Walker Galleries are entered from three sides of the Sculpture Hall. The Bowdoin Gallery contains chiefly the collection of about one hundred paintings, and one hundred and fifty original drawings by old and modern masters bequeathed to the college by Honorable James Bowdoin. The Boyd Gallery contains the collection of paintings bequeathed by Colonel George W. Boyd, of the Class of 1810, with others of later acquisition, a collection of Japanese and Chinese works of art, loaned by Professor William A. Houghton, the Virginia Dox collection of objects of native American art, and collections given or loaned by Mr. George W. Hammond, Mrs. Levi C. Wade, Mr. Harold M. Sewall, and other friends of the college. The Sophia Wheeler Walker Gallery contains specimens of ancient glass, Roman sculpture, old Flemish tapestry, Oriental ivory carvings, miniatures, etc., with paintings and drawings by modern artists of the foremost rank, and a bronze relief portrait, by French, of Theophilus Wheeler Walker, — all given by the Misses Walker.

The galleries are finished in oak, and are lighted from above through large skylights. In the basement are a lecture room, a room of Assyrian sculpture, curator's and students' rooms, lavatory, etc. The building is open to visitors about five hours daily.

### HUBBARD HALL

The library building, now in process of construction, will afford convenient and adequate accommodation for the College Library, and for its prospective growth, with reading and consultation rooms, lecture and conference rooms, administrative offices, etc. It is a gift to the college from General Thomas Hamlin Hubbard, of the Class of 1857, and his wife, Mrs. Sibyl Fahnestock Hubbard. It is about one hundred and seventy feet in length, and fifty feet in depth, with a wing in the rear, for a stack room, eighty-eight feet by forty-six. It is entirely fire-proof, the materials used in its construction being granite, Indiana limestone, brick, iron, and steel. It is of the seventeenth-century Gothic architecture, with the main entrance through a central

## The College Buildings

projecting tower, the façade being still further broken by semi-circular projections at the ends. It is situated at the southern end of the campus, fronting towards Massachusetts and Memorial Halls, and, with the buildings already mentioned, completes the campus quadrangle.

### ADAMS HALL

This hall is occupied chiefly by recitation and lecture rooms. It is built of brick, with stone trimmings, is about one hundred feet by fifty, and three stories in height. It is named in honor of the late Seth Adams of Boston, who contributed generously toward its erection. On the first floor are two recitation rooms assigned to the uses of the academical department; the second and third floors are devoted exclusively to the medical department, and contain a lecture room, an amphitheatre, a dissecting room, a room for the Seavey Anatomical Museum, a reference medical library, with ante-rooms and a registrar's office.

### THE OBSERVATORY

The Astronomical Observatory, for which the college is largely indebted to the late John J. Taylor of Fairbury, Illinois, was mainly designed for purposes of instruction. Although the smallest of the college buildings, great care was exercised in its construction, and it is supplied with a telescope mounted in a revolving turret, a transit instrument, and the usual accessories for meridian observations.

### THE SARGENT GYMNASIUM

The gymnasium, erected in 1885, is named in honor of Dr. Dudley Allen Sargent, of the Class of 1875, the first director under the system of required physical exercise. It is supplied with the most approved apparatus for gymnastic instruction, the gift of Dr. Sargent, and is provided with bath rooms and individual lockers. A part of the basement of this building and an extension in the rear are used as a central station for generating steam heat and electricity for the heating and lighting of all the college buildings.

A straight path through the pine grove in the rear of the campus leads from the gymnasium a short distance to the Whittier Athletic Field. This field, named in honor of Dr. Frank Nathaniel Whittier, the present director of the gymnasium, who was largely instrumental in the acquisition and preparation of it for athletic purposes, is about five acres in extent, and is well adapted, in all respects, for baseball, football, and track athletics.

# Bowdoin College

## The Library

The College Library contains seventy-one thousand volumes. A rapidly increasing proportion of these have been purchased to aid instruction by supplying both teachers and students with the latest books and leading periodicals in the various departments of the curriculum. Attention is also directed towards the building up of a complete and attractive library of general reference, in which the literature of the day is given its proper place, and which shall serve as an active agent in the attainment of liberal culture.

A minute classification and arrangement of the books by subjects has been made, and free access to the shelves is granted to all. The Librarian and his assistants are always ready to lend personal aid to inquirers. During term time the library is open ten hours every day except Sunday. The reading room for periodicals is also open every Sunday afternoon and evening.

Students are allowed to borrow three books at a time, and retain them, if needed, four weeks. The privileges of the library are extended, as a matter of course, to all graduates and the clergymen of the vicinity, and also to any person on recommendation of the Library Committee.

Annual accessions, which average over two thousand volumes, are made to the library by means of an appropriation of the Boards for the purpose, and from the proceeds of funds contributed by Rev. Elias Bond, D.D., John L. Sibley, A.M., Hon. Samuel H. Ayer, Dr. R. W. Wood, Mrs. John C. Dodge, Henry J. Furber, Esq., and Captain John Patten. A special collection of books relating to the Huguenots is annually increased from the income of a book fund given by George S. Bowdoin, Esq. A similar library of rhetoric and literature has been recently established by the late Captain John C. Brown, U. S. A., as a memorial of his father, Philip Henry Brown, Esq., of the Class of 1856.

The safety of these collections, as well as much needed room for their growth, has been lately insured by the gift of a fire-proof library building from General Thomas H. Hubbard, LL.D., of New York City. Besides supplying ample accommodation for future accessions, it will afford students and teachers unusual facilities for the convenient use of them in the numerous study and conference rooms assigned to the various departments of instruction.

MEDICAL SCHOOL OF MAINE



## Faculty

REV. WILLIAM DEWITT HYDE, D.D., PRESIDENT.

ALFRED MITCHELL, A.M., M.D., DEAN, *Professor of Pathology and Practice of Medicine.*

ISRAEL THORNDIKE DANA, A.M., M.D., *Professor of Pathology and Practice of Medicine, Emeritus.*

FREDERIC HENRY GERRISH, A.M., M.D., *Professor of Anatomy.*

STEPHEN HOLMES WEEKS, A.M., M.D., *Professor of Surgery and Clinical Surgery.*

CHARLES OLIVER HUNT, A.M., M.D., *Professor of Materia Medica and Therapeutics.*

FRANKLIN CLEMENT ROBINSON, A.M., *Professor of Chemistry.*

LUCILIUS ALONZO EMERY, LL.D., *Professor of Medical Jurisprudence.*

CHARLES DENNISON SMITH, A.M., M.D., *Professor of Physiology and Hygiene.*

ALBERT ROSCOE MOULTON, M.D., *Professor of Mental Diseases.*

WILLIS BRYANT MOULTON, A.M., M.D., *Clinical Professor of Diseases of the Eye and Ear.*

JOHN FRANKLIN THOMPSON, A.M., M.D., *Professor of Diseases of Women.*

CHARLES AUGUSTUS RING, A.M., M.D., *Professor of Obstetrics.*

ADDISON SANFORD THAYER, A.B., M.D., *Professor of Diseases of Children.*

FRANK NATHANIEL WHITTIER, A.M., M.D., *Professor of Pathological Histology and Bacteriology.*



## Medical School of Maine

ALFRED KING, A.B., M.D., *Instructor in, and Demonstrator of, Anatomy.*

HENRY HERBERT BROCK, A.B., M.D., *Clinical Instructor in Surgery.*

EDWARD JAMES McDONOUGH, A.B., M.D., *Instructor in Histology.*

ALFRED MITCHELL, Jr., A.B., M.D., *Instructor in Surgery.*

GEORGE THOMAS LITTLE, LITT.D., LIBRARIAN.

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HON. WILLIAM LEBARON PUTNAM, LL.D., *from the Board of Trustees.*

DANIEL ARTHUR ROBINSON, A.M., M.D., *from the Board of Overseers.*

GEORGE FOSTER CAREY, A.B., *from the Board of Overseers.*

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WALTER TEMPLE GOODALE, A.M., M.D., *Visitor from the Maine Medical Association.*

JOHN LEMUEL MURRAY WILLIS, M.D., *Visitor from the Maine Medical Association.*

## General Statement

The course of instruction in the Medical Department covers four years of six months each. The studies are distributed through the curriculum according to the following schedule :

FIRST YEAR: Anatomy, Histology, Physiology, Chemistry, Personal Hygiene.

SECOND YEAR: Anatomy, Physiology, Chemistry, Pathology, Bacteriology.

THIRD YEAR: Internal Medicine, Surgery, Materia Medica and Therapeutics, Obstetrics.

FOURTH YEAR: Internal Medicine, Surgery, Materia Medica and Therapeutics, Medical Jurisprudence, Public Hygiene, Diseases of Women, Diseases of Children, Diseases of the Mind, Diseases of the Skin, Diseases of the Genito-urinary System, Diseases of the Eye, Diseases of the Ear, Diseases of the Nose and Throat.

The course is strictly graded, and all of the required studies of one year must be completed before those of the next succeeding year can be entered upon.

At the end of each year an examination is held in the studies of that year, and the successful student receives a certificate from the Dean, testifying to his passage. Those who prefer to defer their examination, and those who have failed at the close of the school-year, are allowed an examination at the beginning of the next year. If, for any sufficient cause, a student is unable to be present at the time appointed for this second examination, he may be examined three weeks after the beginning of the year. Failure to pass in the studies of the final year will necessitate a repetition of the work of that year.

To be eligible for examination in the studies of the first year, the student must have completed a full year of professional study, and show documentary evidence to that effect ; and corresponding requirements must be fulfilled before admission to the second-year and third-year examinations.

## Medical School of Maine

An examination which is not completed receives no consideration.

The students of the first and second years are instructed at Brunswick, where the school has been situated since its foundation in 1820, and where the facilities are excellent for imparting a knowledge of the primary branches. The third-year and fourth-year classes are taught in Portland, on account of the superior clinical advantages afforded in that city. The first of the two buildings designed for the use of the school, and now occupied by it, furnishes ample accommodations for the advanced classes. The location of the building is on Chadwick Street, near the Maine General Hospital, in which institution nearly all of the teachers in the school are medical or surgical officers, and the directors of which are in full sympathy with the purposes of the Faculty.

While the Maine General Hospital is the chief source for the supply of clinical material for the school, Portland has a number of other institutions which will contribute to the bedside instruction of the students; and the various teachers, as opportunity permits, will show individual pupils interesting cases in their private practice.

The eighty-third annual course will begin on Thursday, December 25, 1902, and will continue twenty-six weeks.

Examinations for admission to the school will be held at 9 A. M. on Thursday, December 25, in Brunswick. Examinations for admission to advanced standing will be held at 9 A. M. on Friday, December 26, in Brunswick, for those wishing to enter the second year; and at 9 A. M. on Saturday, December 27, in Portland, for those who wish to enter the third year.

The systematic courses of instruction will begin on Monday morning, December 29.

On arriving in Brunswick, students should apply at the office of the Dean, in Adams Hall, enter their names, receive directions concerning their examinations, if any are needed, pay their fees, and be advised as to boarding places.

In Portland they should apply at the office in the medical building for the same purposes. Dr. Charles O. Hunt will act as Deputy Dean.

# Expenses

## EXPENSES

FOR INSTRUCTION: In each of the required four years, \$100. After attendance upon four full courses, payment of the matriculation fee only will be required.

FOR EXAMINATIONS: Payable at the end of the first year —

In Anatomy . . . . .	\$5.00
In Physiology . . . . .	5.00
In Chemistry . . . . .	5.00

Payable at the close of the term of instruction in

Obstetrics, for examination in this branch, 5.00

These four fees are credited on the diploma-or-graduation fee.

For every re-examination in any of the above studies, \$3.00. This fee is not credited on the diploma fee.

For examination or re-examination in any branch, at a time not regularly appointed, a fee of \$5.00 must be paid, in addition to the prescribed fee for that examination.

Students who fail to pass the examinations at or near the beginning of the course cannot be examined again until the end of the course.

MISCELLANEOUS: The matriculation fee of \$5.00 is required of every student each year.

For materials used in the chemical laboratory courses, about \$2.50 per year.

For materials used in the bacteriological laboratory, about \$2.00.

For anatomical material, its cost.

For graduation fee (not returnable), including the parchment diploma, \$25.00. This will have been nearly paid in the examination fees in the previous years.

Graduates of other schools, who have been engaged three years in the regular practice of medicine, may receive a general ticket upon presentation of their diplomas and payment of the matriculation fee. Graduates of other schools are not eligible for a degree from this school without attendance upon a full course of instruction immediately preceding the examination for such a degree.

All fees must be paid in cash and strictly in advance.

Board and lodging cost from \$3.00 to \$5.00 a week.

# Medical School of Maine

## REQUIREMENTS FOR ADMISSION

Applicants for admission will be required to give evidence that they possess a good English education. Unless they present diplomas or entrance tickets as provided below, they must pass examinations in the following subjects :

**ENGLISH.** Spelling, writing, construction of sentences, and English grammar.

**ARITHMETIC.** As represented in the larger common school text-books.

**ALGEBRA.** Including addition, subtraction, multiplication, division, factoring, and simple equations ; as much, for example, as is contained in the first eleven chapters of Wentworth's "New School Algebra."

**GEOMETRY.** Including at least three books of some standard Plane Geometry, such as Wells's or Wentworth's.

**HISTORY OF THE UNITED STATES.** To the extent afforded in the ordinary school history, such as Montgomery's.

**PHYSICS.** As presented in any standard school text-book, such as Gage's "Elements of Physics," or Dolbear's "Natural Philosophy." This requirement cannot well be met with less than a year's study in some good school, where the illustrative experiments are required to be performed.

**CHEMISTRY.** As much as is covered in some standard school chemistry, as Remsen's or Storer and Lindsay's. As in the case of Physics, this requirement cannot well be met with less than a year's study in some school provided with a laboratory where illustrative experiments have been performed by the student. These experiments should include elementary qualitative analysis. Candidates should present note-books giving accounts of experiments performed, which books must be certified by the teacher.

**LATIN.** Including sight-reading of easy Latin, a knowledge of the construction of Latin sentences, and the reading of some standard Latin author, as Cæsar or Virgil. At least two years should have been spent in the study of Latin in some good school.

Graduates of Colleges, Normal Schools, High Schools, or Acade-

## Graduation

mies, and students who have passed the entrance examination of any recognized college, will be exempt from examination on presentation of their diplomas or matriculation tickets, provided that their previous studies have included Latin, Chemistry, and Physics, to an extent not less than herein prescribed; but if their previous studies have not included Latin, Chemistry, and Physics, to the required extent, they must be examined upon these branches. Their diplomas or matriculation tickets will exempt them from examination in the other branches. In the reception of diplomas and tickets, business colleges are not recognized.

Students from other schools who apply for advanced standing must comply with the requirements for admission to the first year; must give satisfactory evidence that they have completed a course or courses of instruction equivalent in kind and amount to that in this school preceding the year to which admission is sought; and must pass examinations in all of the branches previously pursued by the class which they wish to enter. Certificates of the passage of examination in other schools are not accepted in lieu of examinations.

### GRADUATION

A candidate must be twenty-one years of age, and must have devoted to his professional studies four years, including a course of instruction in each of these years in some reputable, regular, incorporated medical institution; and the last course previous to examination must have been in this school. As evidence of his study when not in attendance upon such a school, he must present to the Dean the certificate of a regular and reputable practitioner of medicine. He must present a satisfactory certificate of good moral character from a citizen of the place in which he resides. He must also pass a satisfactory examination in the required studies, previously specified, and present a thesis on some medical subject, a fair copy of which must be handed to the Dean at least ten days before the beginning of the final examinations.

Time spent in pharmacy, in dental and veterinary institutions, and in preparatory schools does not entitle a student to examination for advanced standing.

A student who has received the degree of A.B., B.S., or any similar degree after four years of study in a recognized college or technical school, may, if his studies have included a satisfactory amount of



# Medical School of Maine

Chemistry, Physics, and Biology, be admitted as a second-year student; but when so admitted, he cannot gain third-year standing until he has passed satisfactory examinations in the studies of the first and second years.

## METHODS OF INSTRUCTION

In order to give to prospective students an idea of the facilities presented by this institution for acquiring a knowledge of the science and art of medicine, a brief statement is here made of the scope of the work in each department, and the methods adopted for imparting instruction.

**ANATOMY.** The course in this branch covers two years. In the early part of the first year the elementary tissues are studied, both in the lecture room and the histological laboratory. Then the viscera (including the cerebro-spinal axis and the organs of the special senses) are taken up in such order as will enable the student to become acquainted with the structure of each organ before its function is treated of by the professor of physiology. At the same time with this work the subjects of osteology and arthrology are pursued. All of these exercises are illustrated by casts, models, fresh and preserved specimens, and free-hand blackboard drawings. Some subjects are treated by lectures; but the recitation method has the more prominent place. Four hours of didactic exercises a week are given to the first-year work, and the afternoons for some weeks are devoted to microscopic work. The school provides a large number of microscopes; but students owning microscopes will find it advantageous to bring them.

The second year in Anatomy is devoted to the remainder of systematic anatomy and to relational anatomy. Myology is taken first, and the student must be able to recognize the muscles in the part which he is to dissect before he is allowed to work on the cadaver. Two dissections on different parts are required, and students are encouraged to dissect as much more as is possible. Surface anatomy is illustrated upon the living model, upon which, also, the students are required to make demonstrations. In the examinations at the close of the year, demonstrations upon the dissected subject are a prominent feature.

Before coming to the school students can do much to equip themselves for appreciation of human anatomy by making systematic dissections of some lower animals; and to this end they are earnestly



## Methods of Instruction

advised to follow faithfully the directions prescribed in "Physiology Practicums," which will be sent post-paid for one dollar by the author, Prof. B. G. Wilder, Ithaca, N. Y. Useful books in the same line are Wilder and Gage's "Anatomical Technology," Foster and Langley's "Practical Physiology," and Huxley and Martin's "Biology."

The Anatomical Museum, previously well supplied with wet and dry specimens, casts and models in plaster, wax, and papier maché, has recently been enriched by a large importation from Germany, also by the generous gift of Azoux's complete model of a man, from Hon. John Fremont Hill, Governor of our State and a graduate of the Medical School in the Class of 1877.

**PHYSIOLOGY.** Instruction in this department is conducted with a view to the practical application of the facts of Physiology to the needs of the student in his study of the diagnosis and treatment of disease, and demonstrations and experimental teaching are employed as far as they can be made to serve this end.

In the first year the work will be devoted to the functions of nutrition and reproduction; in the second year, to the functions of relation. A portion of the hours will be devoted to text-book recitations.

If a student presents a certificate of having completed two full years of medical study, or of having pursued approved courses in this branch in a reputable college or technical school, he may be examined at the end of his first year in this school upon the physiological studies of the second year, as well as upon those of the first year.

**CHEMISTRY.** The chemical course extends through the first two years. In the first year inorganic preparations, toxicology, and the simpler parts of organic chemistry are taken up. Two exercises a week are held of one hour each, except when laboratory work or a quiz is given, when additional time may be taken.

In the second year, the course includes urinary analysis and diagnosis, and continuation of organic chemistry, to include carbohydrates, fats and oils, proteids, alkaloids, and medicinal substances derived from coal-tar. The time is substantially the same as in the first year.

At the end of each year examinations are held, and the results of these, taken in connection with the laboratory work and quizzes, determine whether or not the work has been satisfactorily completed.

Students who satisfy the professor of chemistry that they have pursued courses of chemical study similar to either of the above may be

## Medical School of Maine

examined by him at the beginning of the term, and, if the examination is satisfactory, they will be excused from attendance upon the courses in question.

The Chemical Department possesses all the apparatus essential to the complete illustration of the principles of Chemistry. The laboratories in the Mary Frances Searles Science Building furnish unsurpassed advantages for special courses in analytical chemistry, urinary analysis, and toxicology. These courses are compulsory, and will be entered upon immediately after the close of the dissecting season.

**OBSTETRICS.** The instruction in this branch is given by lectures, recitations, and quizzes, illustrated by models, manikins, and actual specimens.

**INTERNAL MEDICINE.** The instruction in this branch, which is given during the third year, will include general pathology, careful study of diagnostic methods, and special diseases. The fourth year will be devoted to such special diseases as have not been considered during the previous year. Regular quizzes will be conducted throughout both years.

A medical clinic will be held by the professor at the Hospital every Thursday, at 9 A.M., the material being furnished by the visiting physicians from the abundant resources of their wards, and by all members of the Faculty as they have cases of interest which can be utilized for the illustration of subjects under treatment in the didactic course. The visiting physicians will hold additional clinics as opportunity occurs. Definite announcements of these exercises will be seasonably made.

**BACTERIOLOGY AND PATHOLOGICAL HISTOLOGY.** A new, commodious, and amply equipped laboratory in Adams Hall, for instruction in Bacteriology and Pathological Histology, will be in readiness for the course in 1903. It will afford excellent facilities for instruction in Anatomical Histology, and experimental instruction in Physiology.

*A. Bacteriology.*—The course consists of lectures and laboratory work. In the laboratory course, each student is required to cultivate upon six media ten varieties of pathogenic bacteria, to make stained microscopical preparations of each variety, and to study with the microscope the living organisms in hanging drop preparations. Special attention is given to the examination of sputum for tubercle bacilli, to the diagnosis of diphtheria by means of making smears from suspected

## Methods of Instruction

throats on Löffler's blood-serum mixture, to the technic of the serum diagnosis of typhoid fever, and to methods of staining gonorrhœal pus.

*B. Pathological Histology.* — The course consists of lectures and laboratory work. The first half of the course is devoted to the study of inflammations excited by chemical and bacterial causes. It includes the pathological histology of tuberculosis, diphtheria, pneumonia, etc. The second half of the course is devoted mainly to the study of tumors.

In the laboratory course each student is required to make stained microscopical preparations illustrating the disease processes studied. These preparations become the property of the student and are preserved for reference. Many of these preparations are made from tissues obtained at the surgical clinics, and thus show the pathology of cases previously observed.

**SURGERY.** Instruction is given in the principles of surgery during the third and fourth years, and consists of both didactic teaching and clinical instruction. During the third year the didactic instruction will be limited to general surgery, including surgical bacteriology, septic and antiseptic surgery, general diagnosis, irritation, sympathy, and congestion. Inflammation and its effects, textural changes, new formation, benign and malignant, wounds and poisons. It will also include surgical instruments and other appliances, anæsthetics and the method of their administration. Third-year students will also be required to attend the surgical clinics and bedside teaching at the Maine General Hospital.

During the fourth year the didactic lectures will be limited to special surgery, embracing the various surgical diseases, injuries and malformations of particular organs, tissues and regions of the body. Students will also attend the surgical clinics and ward instruction at the Hospital. At the end of the fourth year candidates for the degree of M.D. will be examined not only in special surgery, but also in the work done at the Hospital. The Professor will also be at liberty to ask questions in general surgery.

The didactic lectures are supplemented by ample bedside teaching at the Maine General Hospital. A clinic will be held at the Hospital every Saturday from 10 to 12, the visiting surgeons of which place at the disposal of the professor whatever material in their wards he desires for illustration of the topics which he has in hand.

# Medical School of Maine

In addition to these systematic clinics, students have the privilege of witnessing operations almost every day at the Hospital, and these will be explained and made as useful as possible by the surgeons. Opportunity will be given to observe the after-treatment and subsequent progress of the cases, sections of the class being permitted to visit the wards under the guidance of the surgeons on duty.

Minor and operative surgery receive due attention, and the most practical character is given to the instruction, the students being required to apply bandages and other dressings, and to perform operations upon the cadaver under the direct supervision of the instructor.

**MATERIA MEDICA AND THERAPEUTICS.** Instruction in this department will be given during the third and fourth year. In the third year the teaching will be given by lectures and quizzes, with special attention given to prescription writing. In the fourth year, the lectures and quizzes will be continued, and there will also be a recitation course in practical therapeutics.

**MEDICAL JURISPRUDENCE.** The instruction in Medical Jurisprudence will be directed mainly to an exposition of the legal duties and responsibilities of physicians and surgeons to their patients, and also to their character and position as medical expert witnesses in courts of justice. Practical suggestions will be given for guidance in both respects.

**GYNÆCOLOGY.** Didactic and clinical instruction will be combined in the department of diseases of women. Clinics on Tuesday at 9 A.M. Abundant opportunities will be given to examine patients whose diseases come within the scope of this department. The various methods of diagnosis and treatment will be demonstrated.

**DISEASES OF CHILDREN.** The instruction in this department will be given chiefly by lectures and recitations, and will also include clinical exercises and demonstrations.

**MENTAL DISEASES.** The professor of this department is chief medical officer of the Pennsylvania Hospital for the Insane. Especial efforts are made to instruct the students in the early recognition of insanity, with a view to the institution of treatment at the time when it is most productive of good results.

**OPHTHALMOLOGY AND OTOTOLOGY.** A weekly clinic in diseases of the eye and ear will be held at the Hospital on Saturday, at 11 A.M.

## Methods of Instruction

The various diseases will be described as cases illustrating them are available for demonstration; operations will be performed when required; and other treatment applied as may be necessary.

**PUBLIC HYGIENE.** Instruction in the form of lectures is given by the President of the State Board of Health on the principles of public sanitation, the source and character of public water supplies, and the collection and disposal of waste, with especial reference to preventable diseases. Several hours are devoted to sanitary legislation, and the relations and obligations of the practising physician to the public and to health boards, in the management of infectious diseases.

### THE LIBRARY.

The Library of the Medical School, containing 3,700 volumes, has been combined with that of the college, which numbers 75,000 volumes. Both collections are under the same administration and are at the service of the medical students. The more recently published medical works and current numbers of professional journals are kept in a separate room in the main library building for their especial use. It is not the policy of the school to furnish text-books through its Library, or to buy largely in medical literature; yet, by means of the catalogue of the Library of the Surgeon-General's office and the system of inter-library loans, the Librarian is able to procure for use in serious investigation almost any book that may be desired.

### Text=Books

**ANATOMY.** Gerrish. For reference, Quain.

**PHYSIOLOGY.** For recitation work, Blakiston's edition of Kirke's. For reference, Landois and Stirling, Foster, Howell's "The American Text-book of Physiology."

**CHEMISTRY.** For general reference, Simon, Bartley, Pellew. For reference in urinary analysis, Purdy, Black, Tyson. For use in laboratory, Robinson's "Qualitative Chemical Analysis."

**PUBLIC HYGIENE.** For reference, Harrington, Coplin, and Bevan, Rohe, Parke's "Practical Hygiene," Abbott's "Hygiene of the Transmissible Diseases."

## Medical School of Maine

MATERIA MEDICA AND THERAPEUTICS. Hare, White, and Wilcox, H. C. Wood, Butler.

PRACTICE OF MEDICINE. Osler, Anders, Strumpell, Eichhorst, DaCosta's "Medical Diagnosis." Simon's "Clinical Diagnosis." Ewing on "The Blood."

PHYSICAL DIAGNOSIS. Cabot, Tyson.

BACTERIOLOGY. For reference, Abbott, Muir, and Richie, McFarland, Levy, and Klemperer.

PATHOLOGY. For reference, Ziegler, Mallory Wright, Coplin, Green.

SURGERY. "The American Text-book of Surgery." DaCosta's "Modern Surgery." Dennis's "System of Surgery." Park's "Treatise on Surgery." Bryant's "Operative Surgery." "The International Text-book of Surgery." Shurley's "Diseases of Nose and Throat." Warren's "Surgical Pathology and Therapeutics." Wharton and Curtis's "The Practice of Surgery." Roberts's "Modern Surgery." Phelps's "Traumatic Injuries of the Brain."

OBSTETRICS. "American Text-book of Obstetrics," Hirst, Jewett, Dorland.

DISEASES OF WOMEN. Kelley (2 vols.), Pozzi (2 vols.), E. C. Dudley, Robb's "Gynæcological Technique," Garrigues.

DISEASES OF CHILDREN. Holt, Rotch, Williams, Starr, Sachs.

MEDICAL JURISPRUDENCE. Taylor with Bell's Notes, Ewell.

DISEASES OF THE EYE. Nettleship, Swanzay, DeSchweinitz.

DICTIONARIES. Dorland (Illustrated), Duane, Gould.

ALUMNI ASSOCIATIONS AND SPECIAL  
FITTING SCHOOLS





## Alumni Associations

### THE GENERAL ASSOCIATION

*President*, JAMES MCKEEN, LL.D.; *Vice-President*, FRANKLIN CONANT PAYSON, Esq.; *Secretary and Treasurer*, DR. GEORGE T. LITTLE, Brunswick, Me.

### ASSOCIATION OF BOSTON

*President*, PROF. ALFRED E. BURTON, C.E.; *Secretary*, WILLIAM GARDNER REED, Esq., 615 Tremont Building, Boston, Mass.

### THE BOWDOIN CLUB OF BOSTON

*President*, WILLIAM G. WAITT, Esq., A.M.; *Secretary*, RUFUS H. HINKLEY, 200 Summer St., Boston, Mass.

### ASSOCIATION OF NEW YORK

*President*, HON. THOMAS B. REED, LL.D.; *Secretary*, DR. FREDERICK HENRY DILLINGHAM, 76 West 85th Street, New York City.

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*President*, DR. FREDERICK HENRY GERRISH; *Secretary*, ARTHUR M. BELCHER, Esq., Portland, Me.

# Bowdoin College

## ASSOCIATION OF FRANKLIN COUNTY

*President*, SAMUEL CLIFFORD BELCHER, Esq., A.M.; *Secretary*, GEORGE COLBY PURINGTON, A.M., Farmington, Me.

## ASSOCIATION OF OXFORD COUNTY

*President*, HON. ADDISON E. HERRICK, A.M.; *Secretary*, FRANK KIMBALL, Esq., Norway, Me.

## KENNEBEC ALUMNI ASSOCIATION

*President*, HON. HERBERT M. HEATH; *Secretary*, J. CLAIR MINOT, Augusta, Me.

## BANGOR ALUMNI ASSOCIATION

*President*, HON. SAMUEL FISHER HUMPHREY, A.M.; *Secretary*, DR. BERTRAM LEWIS BRYANT, A.M., Bangor, Me.

## PHILIPPINE ALUMNI ASSOCIATION

*President*, CLARENCE E. BAKER, Esq.; *Secretary*, ALBRO L. BURNELL, Claveria, Luzon, P. I.

## ALUMNI RECORD

It is desired to keep as full a record as possible of the residences, occupations, and public services of the alumni. Information is solicited in regard to these points, and also in regard to matters appropriate to the obituary record annually published by the college.

The last edition of the General Catalogue issued in June, 1902, is a bound octavo of 264 pages and will be mailed to any address on the receipt of fifty cents.

Communications should be addressed to the College Librarian.

# Special Fitting Schools

## Special Fitting Schools

The schools noticed on the following pages have been constituted special Fitting Schools for Bowdoin College by the action of their several Boards of Trustees, in concurrence with the College Boards. They are annually examined by representatives of the college. Graduates of the schools, however, are required to pass the regular college entrance examinations for admission, at the same dates and under the same conditions as are prescribed for students of other preparatory schools who take their examinations elsewhere than in Brunswick.

### FRYEBURG ACADEMY

Fryeburg, Me.

INCORPORATED FEBRUARY 9, 1792.

CHARLES GLIDDEN WILLARD, A.B., *Principal*.

This school offers three courses of study:

- I. A College Preparatory Course, of four years.
- II. An English Course, of four years.
- III. A Business Course, of four years.

### EXPENSES

**TUITION.** The cost of tuition is \$7.00 per term.

**BOARD.** The cost of board is from \$3.00 to \$4.00 a week, including fuel, lights, and washing. Rooms in private houses may be obtained at from 30 to 50 cents a week. Board in clubs, if desired, can be had at very cheap rates.

### CALENDAR

Fall Term of 14 weeks, began September 16, 1902.

Winter Term of 12 weeks, begins January 5, 1903.

Spring Term of 11 weeks, begins April 7, 1903.

*Examiner appointed by the college for 1903:* Professor Guy Stevens Callender.

# Bowdoin College

## WASHINGTON ACADEMY

East Machias, Me.

INCORPORATED MARCH 7, 1792.

ARCHIE SHERMAN HARRIMAN, A.B, *Principal*.

This academy offers two courses of study :

- I. A College Preparatory Course, of four years.
- II. An English Scientific Course, of four years.

## EXPENSES

**TUITION.** As the income of the endowment fund pays most of the expenses of the school, the tuition fee is only \$5.00 a term, which covers all expenses.

**BOARD.** The cost of board does not exceed \$3.50 a week. Rooms can be obtained at reasonable rates by those who wish to board themselves.

## CALENDAR

Fall Term of 15 weeks, began September 1, 1902.

Winter Term of 13 weeks, begins December 8, 1902.

Spring Term of 11 weeks, begins March 16, 1903.

*Examiner appointed by the college for 1903:* Algernon Sidney Dyer, A.M.

## LINCOLN ACADEMY

Newcastle, Me.

INCORPORATED FEBRUARY 23, 1801.

GEORGE HOWARD LARRABEE, A.M., *Principal*.

This school offers three courses of study :

- I. A College Preparatory Course, of four years.
- II. An English Course, of four years.
- III. Teacher's Training Course, of four years.

# Special Fitting Schools

## EXPENSES

**TUITION.** Fall and Spring Terms, \$4.00 to \$7.00; Winter and Summer Terms, \$3.00 to \$5.00.

**BOARD.** Board can be obtained at from \$3.00 to \$4.00 per week. Rooms for self-boarding may be secured at reasonable rates.

## CALENDAR

Fall Term of 11 weeks, began September 8, 1902.

Winter Term of 8 weeks, begins December 1, 1902.

Spring Term of 11 weeks, begins February 2, 1903.

Summer Term of 8 weeks, begins April 27, 1903.

*Examiner appointed by the college for 1903:* Frank Nathaniel Whittier, M.D.

## THORNTON ACADEMY

Saco, Me.

INCORPORATED FEBRUARY 16, 1811.

EDWIN PRESCOTT SAMPSON, A.M., *Principal*.

This academy offers three full preparatory courses :

- I. An English or Scientific Course, of four years.
- II. A Classical Course, of four years.
- III. A Business Course, of four years.

## EXPENSES

**TUITION.** Tuition in each course is \$10.00 a term, payable in advance. Those desiring to take special studies will be charged \$5.00 a term for each study.

**BOARD.** Board can be obtained in the city at from \$3.00 to \$6.00 a week.

# Bowdoin College

## CALENDAR

Fall Term began September 15, 1902.

Winter Term begins January 5, 1903.

Spring Term begins April 6, 1903.

Fall Term begins September 14, 1903.

*Examiner appointed by the college for 1903:* Professor Wilmot Brookings Mitchell.







CATALOGUE *of*  
B O W D O I N  
C O L L E G E

*& the Medical School of Maine*

FOR THE YEAR 1903-1904



B R U N S W I C K , M A I N E

*Printed for the College* • MDCCCCLIII

## PUBLICATIONS OF BOWDOIN COLLEGE, NEW

SERIES, No. 6. These publications include the Annual Catalogue of the College and of the Medical School of Maine, the Annual Report of the President, of the Treasurer, and of the Librarian, the Obituary Record, and the Bibliographical Contributions.

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# Calendar

## BOWDOIN COLLEGE

1903

- September 24 . . First Term began — Thursday at 8.20 A. M.  
 Nov. 25 to 30 . . Thanksgiving Recess — 12.30 A. M., Wednesday  
 to 8.20 A. M., Monday.  
 Dec. 16 to 23 . . Examinations of the First Term — Wednesday  
 to 11.30 A. M., Wednesday.

*Vacation from December 23 to 8.20 A. M., January 5.*

1904

- February 22 . . . Washington's Birthday: a holiday — Monday.  
 March 26 to April 1 Examinations of the Second Term — Saturday  
 to 11.30 A. M., Friday.

*Vacation from April 1 to 7.50 A. M., April 12.*

- April 28 . . . . "Class of 1868" Prize Speaking — Thursday,  
 8 P. M.  
 May 30 . . . . Memorial Day: a holiday — Monday.  
 June 10 . . . . Ivy Day Exercises — Friday.  
 June 9, 10, and 11 . Entrance Examinations at Preparatory Schools  
 — Thursday, Friday, and Saturday.  
 June 11 to 17 . . Examinations of the Third Term — Saturday to  
 11.30 A. M., Friday.  
 June 19 . . . . Baccalaureate Sermon — Sunday, 4 P. M.  
 June 20 . . . . Sophomore Prize Declamation — Monday, 8 P. M.  
 June 21 . . . . Class Day Exercises — Tuesday, 10 A. M., 3  
 P. M., and 8 P. M.  
 June 22 . . . . Hawthorne Centennial — Wednesday.  
 Annual Meeting of the Phi Beta Kappa Society,  
 10 A. M.  
 The President's Reception — 8 to 10 P. M.  
 June 23 . . . . Annual Meeting of the Alumni Association —  
 Thursday, 9 A. M.  
 The Commencement Exercises — 10.30 A. M.  
 Commencement Dinner — 12.30 P. M.



# Bowdoin College

June 23 to 25 . . Entrance Examinations in Brunswick — Thursday to Saturday.

*Summer Vacation of Thirteen Weeks.*

Sept. 19 to 21 . . Entrance Examinations in Brunswick — Monday to Wednesday.

September 22 . . First Term begins — Thursday at 8.20 A. M.

## MEDICAL SCHOOL OF MAINE

1903

December 24 . . Entrance Examinations for First Year Students ; in Brunswick — Thursday, 9 A. M.

December 24 . . Examinations for Admission to Advanced Standing. For Admission to the Second Year, Examinations are in Brunswick as follows: Anatomy at 9 A. M., Physiology at 2 P. M., Thursday.

December 26 . . Examinations for Admission to Advanced Standing. For Admission to the Third Year, Examinations are in Portland as follows: Anatomy at 9 A. M., Physiology at 2 P. M., Saturday.

December 26 Examinations for Admission to Advanced Standing. For Admission to the Fourth Year, Examinations are in Portland, — hours to be announced later.

1904

January 1 . . . . New Year's Day: a holiday — Friday.

February 22 . . . . Washington's Birthday: a holiday — Monday.

*Recess from noon of the Wednesday immediately preceding Fast Day to the morning of the Tuesday next following.*

May 30 . . . . Memorial Day: a holiday — Monday.

June 13 to 22 . . Final Examinations — Monday to Wednesday of the next week, both inclusive.

June 23 . . . . The Commencement Exercises — Thursday, 10.30 A. M.

# BOWDOIN COLLEGE

**B**OWDOIN COLLEGE was incorporated by the General Court of Massachusetts, upon the joint petition of the Association of Ministers and the Court of Sessions of Cumberland County. The act of incorporation was signed by Governor Samuel Adams, June 24, 1794.

The college was named in honor of James Bowdoin, a grandson of the Huguenot refugee, Pierre Baudouin, who fled from the religious persecution that followed the revocation of the Edict of Nantes, and, in 1687, made a home for himself on the shores of Casco Bay, in what is now the city of Portland. In the next generation the family name was anglicized, and the grandson, James Bowdoin, was born in Boston, which had become the family home, and was graduated from Harvard College in 1745.

He was a staunch and influential supporter of the movement for American independence, a member for many years of the Council, or senate, of the colonial legislature, a delegate to the first Continental Congress in Philadelphia, president of the Provincial Council, and a close personal friend of Washington. He was also the president of the convention which framed the Constitution of Massachusetts, and was, subsequently, for two terms Governor of the State. In addition to his civil honors he received honorary academic degrees from Harvard, from the University of Pennsylvania, and from the University of Edinburgh; he was a member of various foreign societies, the first president of the American Academy of Arts and Sciences, and a valued friend and correspondent of Benjamin Franklin.

The earliest patron of the college was the Honorable James Bowdoin, son of the Governor. He was graduated from Harvard College in 1771, and subsequently studied at the University of Oxford. In President Jefferson's administration he was appointed successively Minister Plenipotentiary at the Court of Spain, and Associate Minis-

## Bowdoin College

ter at the Court of France. During his residence abroad he accumulated a valuable library, a collection of paintings and drawings by old and modern masters, a cabinet of minerals and fossils, together with models of crystallography, all of which he bequeathed to the college. During his lifetime he gave land, money, and apparatus to the college, and at his death it became, by will, his residuary legatee.

Circumstances delayed the opening of the college for several years after its incorporation; but in 1802, a substantial brick building having been erected for its accommodation, the first president was inaugurated, and the work of instruction was begun. The college was established, and has been maintained, under the general patronage of the Congregational churches, but its instruction, government, and administration are, and have always been, unsectarian. The government of the college is vested in two concurrent Boards, the Trustees and the Overseers, and since 1870 one-half the vacancies occurring in the Board of Overseers have been filled from nominations by the body of the alumni.

The Medical School dates from 1820, when it was incorporated by the first legislature of the new State of Maine, and made a department of Bowdoin College.

At the Commencement of 1894 the one hundredth anniversary of the incorporation of the college was celebrated with appropriate exercises, and at that time the academical, medical, and honorary graduates numbered, together, four thousand three hundred and sixty-five; and another thousand was made up of those who had studied in the college without taking a degree, and of those who were undergraduates in that anniversary year.

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Bryant, Myrton Andrew . . . . .	<i>Cumberland Mills</i> . . . . .	32 A. H.
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Andrews, Philip Roy . . . . .	<i>Kennebunk</i> . . . . .	25 W. H.
Bartlett, James Austin . . . . .	<i>Richmond</i> . . . . .	16 W. H.
Bavis, Chester Swan . . . . .	<i>Calais</i> . . . . .	14 A. H.
Bodkin, Arthur Horace, Jr. . . . .	<i>Norway</i> . . . . .	28 A. H.
Boody, Henry Philips . . . . .	<i>Jackson</i> . . . . .	179 Park Row.
Boothby, Alfred Russell . . . . .	<i>Westbrook</i> . . . . .	29 A. H.
Bradford, Charles Henry . . . . .	<i>South Livermore</i> . . . . .	14 M. H.
Brown, Percy Mansfield . . . . .	<i>Wilton</i> . . . . .	4 M. H.
Chapman, Henry Philip . . . . .	<i>Portland</i> . . . . .	26 A. H.
Chapman, Philip Freeland . . . . .	<i>Portland</i> . . . . .	A. Δ. Φ. House.
Childs, Harry Leslie . . . . .	<i>Lewiston</i> . . . . .	A. Δ. Φ. House.
Clark, Walter Bradon . . . . .	<i>Houlton</i> . . . . .	5 M. H.
Cook, Charles Bayley . . . . .	<i>Portland</i> . . . . .	Ψ. T. House.
Copeland, Melvin Thomas . . . . .	<i>Brewer</i> . . . . .	B. Θ. II. House.
Cunningham, Charles Hunter . . . . .	<i>Strong</i> . . . . .	14 M. H.
Damren, Kenneth Howard . . . . .	<i>Auburn</i> . . . . .	B. Θ. II. House.
Edwards, Harold Myrton . . . . .	<i>Lewiston</i> . . . . .	21 M. H.
Elder, Harold Starbird . . . . .	<i>Woodfords</i> . . . . .	6 A. H.
Favinger, Charles Laff . . . . .	<i>Frederica, Del.</i> . . . . .	Z. Ψ. House.
Finn, James Gregory . . . . .	<i>Lewiston</i> . . . . .	13 W. H.
Fox, Lewis Hewitt . . . . .	<i>Woodfords</i> . . . . .	7 Potter St.
Grindle, Chester Harris . . . . .	<i>Bar Harbor</i> . . . . .	24 W. H.
Hale, Edward Russell . . . . .	<i>Brunswick</i> . . . . .	7 Potter St.

# Bowdoin College

Name	Residence	Room
Haley, Seth Gurney . . . . .	<i>Brooklyn, N. Y.</i> . . . . .	30 M. H.
Hall, Crowell Clairinton, Jr. . . . .	<i>Dover</i> . . . . .	Z. Ψ. House.
Hicks, Charles Joseph . . . . .	<i>Westbrook</i> . . . . .	9 Potter St.
Hodgson, Robert John, Jr. . . . .	<i>Lewiston</i> . . . . .	A. Δ. Φ. House.
Holman, Currier Carleton . . . . .	<i>Farmington</i> . . . . .	6 M. H.
Johnson, Romilly . . . . .	<i>Lynn, Mass.</i> . . . . .	A. Δ. Φ. House.
Johnson, William Treby . . . . .	<i>Augusta</i> . . . . .	B. Θ. Π. House.
Knowlton, Charles Colby . . . . .	<i>Ellsworth</i> . . . . .	Z. Ψ. House.
Laidley, Paul . . . . .	<i>St. Louis, Mo.</i> . . . . .	7 M. H.
Leatherbarrow, George Edward . . . . .	<i>Buxton Center</i> . . . . .	16 A. H.
McDougald, William James . . . . .	<i>Rockland</i> . . . . .	16 Cleaveland St.
Morrill, George Harold . . . . .	<i>Westbrook</i> . . . . .	B. Θ. Π. House.
Packard, Frederick Lucius . . . . .	<i>Turner</i> . . . . .	14 A. H.
Parcher, George . . . . .	<i>Ellsworth</i> . . . . .	B. Θ. Π. House.
Parker, Leon Vasco . . . . .	<i>Cumberland Mills</i> . . . . .	Brunswick.
Perry, Elmer . . . . .	<i>Portland</i> . . . . .	A. Δ. Φ. House.
Piper, Fred Edgcomb Richards . . . . .	<i>Portland</i> . . . . .	9 W. H.
Pope, Edward Carpenter . . . . .	<i>Manchester</i> . . . . .	B. Θ. Π. House.
Porter, David Richard . . . . .	<i>Bangor</i> . . . . .	13 A. H.
Powers, Walter Averill . . . . .	<i>Houlton</i> . . . . .	Δ. K. E. House.
Putnam, Arthur Otis . . . . .	<i>Houlton</i> . . . . .	Δ. K. E. House.
Randall, Neal Dow . . . . .	<i>Freeport</i> . . . . .	Freeport.
Ricker, Lawrence Campbell . . . . .	<i>Cherryfield</i> . . . . .	13 Pleasant St.
Roberts, Thaddeus Blaine . . . . .	<i>Norway</i> . . . . .	21 M. H.
Rogers, Clarence Arthur . . . . .	<i>Brunswick</i> . . . . .	13 Everett St.
Rowe, Frank Davis . . . . .	<i>Ellsworth</i> . . . . .	28 W. H.
Sanborn, Walter Martin . . . . .	<i>Augusta</i> . . . . .	11 W. H.
Sewall, James Wingate, Jr. . . . .	<i>Oldtown</i> . . . . .	25 W. H.
Shaw, Cyrus Clyde . . . . .	<i>North Gorham</i> . . . . .	25 M. H.
Shaw, Richard Edson . . . . .	<i>Freeport</i> . . . . .	3 W. H.
Skolfield, Clement . . . . .	<i>North Harpswell</i> . . . . .	18 Potter St.
Smith, Fred Elhanan . . . . .	<i>Norway</i> . . . . .	28 A. H.
Soule, George Carroll . . . . .	<i>South Freeport</i> . . . . .	24 A. H.
Stetson, Harold Stanwood . . . . .	<i>Brunswick</i> . . . . .	35 Cumberland St.
Stevens, Robie Reed . . . . .	<i>Kennebunk</i> . . . . .	21 M. H.
Stone, William Haines . . . . .	<i>Biddeford</i> . . . . .	6 M. H.
Tobey, Harold Grant . . . . .	<i>Clinton, Mass.</i> . . . . .	26 A. H.
Tuell, Gilbert Woodsum . . . . .	<i>Bethel</i> . . . . .	29 A. H.
Walker, Thomas Butler . . . . .	<i>Biddeford</i> . . . . .	4 M. H.
Webber, Ralph Grant . . . . .	<i>Augusta</i> . . . . .	B. Θ. Π. House.

# Students

Name	Residence	Room
Williams, Raymond Blin . . . .	<i>Farmington</i> . . . . .	11 A. H.
Winchell, John Patten . . . . .	<i>Brunswick</i> . . . . .	169 Maine St.
Wing, Eugene Eveleth . . . . .	<i>Fairfield</i> . . . . .	Z. Ψ. House.
Winslow, Harvey Philip . . . . .	<i>Gardiner</i> . . . . .	Δ. K. E. House.
Woodruff, Robert Thomson . . . .	<i>Brunswick</i> . . . . .	262 Maine St.
Youland, William Edwards, Jr. . .	<i>Biddeford</i> . . . . .	15 M. H.

## FRESHMAN — Class of 1907

Name	Residence	Room
Allen, Neal Woodside . . . . .	<i>Portland</i> . . . . .	8 W. H.
Bass, Frank Lyman . . . . .	<i>Bangor</i> . . . . .	13 A. H.
Bennett, Charles Reynolds . . . .	<i>Yarmouth</i> . . . . .	18 Potter St.
Blanchard, Paul Drake . . . . .	<i>Oldtown</i> . . . . .	22 W. H.
Boyce, Joseph Michael . . . . .	<i>Portland</i> . . . . .	4 Cleaveland St.
Bradbury, John Sturgis . . . . .	<i>Portland</i> . . . . .	6 W. H.
Briggs, Benjamin Franklin . . . .	<i>Auburn</i> . . . . .	11 M. H.
Briggs, Eugene Hale . . . . .	<i>Auburn</i> . . . . .	12 M. H.
Brown, Harry Leland . . . . .	<i>Westbrook</i> . . . . .	22 A. H.
Burton, Felix Arnold . . . . .	<i>West Newton, Mass.</i> . . . .	10 A. H.
Chadbourne, Arthur Chase . . . .	<i>Hallowell</i> . . . . .	B. Θ. II. House.
Chandler, Harold Beckles . . . . .	<i>West Newton, Mass.</i> . . . .	8 W. H.
Clark, Chester Gordon . . . . .	<i>Portland</i> . . . . .	7 A. H.
Clark, Ridgley Colfax . . . . .	<i>Dexter</i> . . . . .	234 Maine St.
Collins, James Harold . . . . .	<i>Brewer</i> . . . . .	15 A. H.
Craigie, George William . . . . .	<i>Cumberland Mills</i> . . . . .	27 A. H.
Doherty, Cornelius Francis . . . .	<i>Rockland</i> . . . . .	30 M. H.
Drummond, Joseph Blake . . . . .	<i>Portland</i> . . . . .	5 A. H.
Drummond, Wadleigh Bean . . . .	<i>Portland</i> . . . . .	5 A. H.
Duddy, Edward Augustin . . . . .	<i>Portland</i> . . . . .	28 W. H.
Erskine, Linwood Mandeville . . .	<i>Jefferson</i> . . . . .	Z. Ψ. House.
Fernald, Clarence Joel . . . . .	<i>Winn</i> . . . . .	26 M. H.
Gannett, Frank Stinson . . . . .	<i>Fort Fairfield</i> . . . . .	Z. Ψ. House.
Giles, Ralph Waldo . . . . .	<i>East Brownfield</i> . . . . .	B. Θ. II. House.
Glidden, Arthur Boynton . . . . .	<i>Newcastle</i> . . . . .	22 M. H.
Goodhue, Harold Vinton . . . . .	<i>Fort Fairfield</i> . . . . .	8 A. H.
Hacker, Tom Edgar . . . . .	<i>Fort Fairfield</i> . . . . .	8 A. H.
Halford, John Henry . . . . .	<i>Sanford</i> . . . . .	31 M. H.
Hatch, Arther Loud . . . . .	<i>Pemaquid</i> . . . . .	Z. Ψ. House.
Hichborn, Harold Sprague . . . .	<i>Augusta</i> . . . . .	7 A. H.

# Bowdoin College

Name	Residence	Room
Holt, Erastus Eugene, Jr. . . . .	<i>Portland</i> . . . . .	9 A. H.
Houghton, Charles Andrew Johnson	<i>Brunswick</i> . . . . .	264 Maine St.
Jenks, Charles Fitch . . . . .	<i>Canton, Mass.</i> . . . . .	21 A. H.
Johnson, Henry Lincoln . . . . .	<i>Brunswick</i> . . . . .	34 Federal St.
Joy, Harry Jarvis . . . . .	<i>Ellsworth</i> . . . . .	22 W. H.
Kalloch, Dudley Cromwell . . . . .	<i>Portland</i> . . . . .	7 Potter St.
Kimball, Phillips . . . . .	<i>Bath</i> . . . . .	12 W. H.
Kingsley, Chester Sumner . . . . .	<i>Augusta</i> . . . . .	6 W. H.
Lawrence, Glenn Allan . . . . .	<i>North Lubec</i> . . . . .	Z. Ψ. House.
Leydon, John William . . . . .	<i>Bath</i> . . . . .	84 Federal St.
Libby, Bion Bradbury . . . . .	<i>Portland</i> . . . . .	12 A. H.
Linnell, William Shepard . . . . .	<i>Saco</i> . . . . .	B. Θ. II. House.
Lowell, Herbert Gershom . . . . .	<i>Westbrook</i> . . . . .	29 M. H.
McMichael, Earle Haggett . . . . .	<i>East Boston, Mass.</i> . . . . .	2 M. H.
Mincher, Leon Dearborn . . . . .	<i>Mattawamkeag</i> . . . . .	B. Θ. II. House.
Neal, Morris Humphrey . . . . .	<i>Collinsville, Conn.</i> . . . . .	10 A. H.
Otis, Ensign . . . . .	<i>Rockland</i> . . . . .	18 W. H.
Pike, Asa Osgood . . . . .	<i>Fryeburg</i> . . . . .	27 M. H.
Pletts, Louis Oliver . . . . .	<i>Brunswick</i> . . . . .	16 Lincoln St.
Powers, Elisha Shaw . . . . .	<i>Houlton</i> . . . . .	5 M. H.
Redman, Fulton Jarvis . . . . .	<i>Pawtucket, R. I.</i> . . . . .	12 M. H.
Roberts, Ammie Blaine . . . . .	<i>Portland</i> . . . . .	13 Everett St.
Roberts, Willis Elmer . . . . .	<i>Brunswick</i> . . . . .	155 Maine St.
Robinson, Dwight Stillwell . . . . .	<i>Brunswick</i> . . . . .	214 Maine St.
Robinson, William Alexander . . . . .	<i>St. John, N. B.</i> . . . . .	179 Park Row.
Russell, Blinn Whittemore . . . . .	<i>Farmington</i> . . . . .	10 M. H.
Ryan, Frank Keith . . . . .	<i>Hampton, N. B.</i> . . . . .	7 M. H.
Sargent, Daniel . . . . .	<i>Portland</i> . . . . .	11 M. H.
Sawyer, Ralph Eugene . . . . .	<i>Wilton</i> . . . . .	26 W. H.
Shorey, Philip Ricker . . . . .	<i>Brunswick</i> . . . . .	12 Stetson St.
Small, Ralph Millard . . . . .	<i>Augusta</i> . . . . .	12 W. H.
Smith, Lewis Winfield . . . . .	<i>Brunswick</i> . . . . .	39 Harpswell St.
Snow, Charles Webber . . . . .	<i>Spruce Head</i> . . . . .	18 W. H.
Speake, William Eugene . . . . .	<i>Washington, D. C.</i> . . . . .	9 W. H.
Stetson, Clarence Elbert . . . . .	<i>Canton</i> . . . . .	3 M. H.
Thomas, Charles Frederick . . . . .	<i>Richmond</i> . . . . .	Richmond.
Voorhees, Aubrey James . . . . .	<i>Bath</i> . . . . .	22 A. H.
Weed, Frank Jones . . . . .	<i>Bethel</i> . . . . .	27 A. H.
Weiler, Harold Charles . . . . .	<i>Houlton</i> . . . . .	6 A. H.
Whipple, Malon Patterson . . . . .	<i>Solon</i> . . . . .	25 M. H.

# Students

Name	Residence	Room
Wilson, Harold Everett . . . .	<i>Newburyport, Mass.</i> . . . .	2 M. H.
Winchell, Thomas Riley . . . .	<i>Brunswick</i> . . . .	169 Maine St.
Wogan, Joseph Francis . . . .	<i>Dorchester, Mass.</i> . . . .	8 M. H.

## SPECIAL STUDENTS

Name	Residence	Room
Bates, Edwin Cassius . . . . .	<i>St. Stephen, N. B.</i> . . . .	9 A. H.
Brown, Ralph Prentiss . . . . .	<i>Greenville</i> . . . . .	24 W. H.
Chaney, Irvin Wayne . . . . .	<i>Topsham</i> . . . . .	Topsham.
Cony, Robert Alexander . . . . .	<i>Augusta</i> . . . . .	15 A. H.
Davis, Arthur Osman . . . . .	<i>Bridgton</i> . . . . .	12 Stetson St.
Denning, Ansel Cyrus . . . . .	<i>East Poland</i> . . . . .	Δ. K. E. House.
Gould, Daniel Israel . . . . .	<i>Wolfboro, N. H.</i> . . . .	13 W. H.
Gumbel, Lester . . . . .	<i>New Orleans, La.</i> . . . .	5 W. H.
Haggett, Fred Bartlett . . . . .	<i>Bath</i> . . . . .	29 W. H.
Kinsman, Charles Penny . . . . .	<i>Augusta</i> . . . . .	12 A. H.
Libby, Lawrence Leonard . . . . .	<i>Dexter</i> . . . . .	234 Maine St.
McKay, Roland Lee . . . . .	<i>Bowdoinham</i> . . . . .	Bowdoinham.
Powers, Harold Wyman . . . . .	<i>Portland</i> . . . . .	27 M. H.
Robinson, Arthur Lincoln . . . . .	<i>Brunswick</i> . . . . .	214 Maine St.
Stone, Harold Edgar . . . . .	<i>Lisbon Falls</i> . . . . .	4 A. H.
Tibbetts, John Eaton . . . . .	<i>Rockland</i> . . . . .	Brunswick.
Trott, Harold Charles . . . . .	<i>Portland</i> . . . . .	23 M. H.
Waterman, Joseph Sampson . . . . .	<i>Boston, Mass.</i> . . . . .	21 A. H.
Wiggin, Chester . . . . .	<i>Brunswick</i> . . . . .	8 M. H.

## MEDICAL STUDENTS

1902-1903

### FOURTH YEAR

Name	Residence
Bridgham, Charles Spiro . . . . .	<i>Sullivan.</i>
Goss, Richard Albert . . . . .	<i>Lewiston.</i>
Grindle, John Lowell . . . . .	<i>Mt. Desert.</i>
Hagerthy, Albert Bellathy . . . . .	<i>Bucksport.</i>
Hambleton, Marcus Philip . . . . .	<i>Brunswick.</i>
Haney, Oramel Elisha . . . . .	<i>Belfast.</i>
Hanscom, Edgar Ivory, A.B. . . . .	<i>Lebanon.</i>
Hills, Louis Lenville, A.B. . . . .	<i>Portland.</i>

# Bowdoin College

Name	Residence
Little, Stillman David . . . . .	<i>Milltown.</i>
Lord, Fred Clarence . . . . .	<i>Belgrade.</i>
Moody, Harry Alton . . . . .	<i>Dover, N. H.</i>
Nevers, Harry Hill . . . . .	<i>Norway.</i>
Parker, Mason . . . . .	<i>Phillips.</i>
Russell, James Percy, A.B. . . . .	<i>Warren.</i>
Simonton, Frank Forester, A.B. . . . .	<i>Ellsworth.</i>
Strout, Arthur Weston, A.B. . . . .	<i>Gardiner.</i>
Turner, George Henry . . . . .	<i>Portland.</i>
Varney, Elton Murray . . . . .	<i>Brunswick.</i>
Wiley, Arthur Gordon, A.B. . . . .	<i>Bethel.</i>
Wiseman, Robert James . . . . .	<i>Lewiston.</i>

## THIRD YEAR

Name	Residence
Bean, Charles Eugene Hill, A.B. . . . .	<i>Hallowell.</i>
Bernard, Joseph Napoleon Gideon . . . . .	<i>Lewiston.</i>
Call, Ernest Victor, A.B. . . . .	<i>Pittsfield.</i>
Clason, Silas Oliver, A.B. . . . .	<i>Lisbon Falls.</i>
Cragin, Charles Langmaid, A.B. . . . .	<i>Norway.</i>
Dyer, John Small . . . . .	<i>New Sharon.</i>
Fuller, Edwin Motley, Jr., A.B. . . . .	<i>Bath.</i>
Gehring, Edwin Wagner, B.S . . . . .	<i>Bethel.</i>
Goss, Ralph Warren, A.B. . . . .	<i>Lewiston.</i>
Hutchins, William Parker . . . . .	<i>Oakland.</i>
Jones, Albert Mark, A.B. . . . .	<i>Pittsfield.</i>
Keene, Linwood Melrose . . . . .	<i>Northwood, N. H.</i>
Macdonald, John Benard . . . . .	<i>Waverley, Mass.</i>
McMillan, Archibald . . . . .	<i>Boston, Mass.</i>
Magune, Frank Leroy . . . . .	<i>Rockport.</i>
Milliken, Harris James, A.B. . . . .	<i>Bangor.</i>
Parker, Ralph Almeron, A.B. . . . .	<i>S. Portland.</i>
Pratt, George Loring, A.B. . . . .	<i>Strong.</i>
Small, Harry Lester . . . . .	<i>Kingfield.</i>
Stewart, Delbert Mason, A.B. . . . .	<i>Lewiston.</i>
Studley, George Willis Cole . . . . .	<i>S. Portland.</i>
Syphers, LeRoi Scott . . . . .	<i>S. Portland.</i>
Tibbetts, Herman Kotzschmar . . . . .	<i>Portland.</i>



# Students

## SECOND YEAR

Name	Residence
Almy, Robert Lawton, Jr. . . . .	<i>Salem, Mass.</i>
Barker, Nat Bailey Twycross, A.B. . . . .	<i>Cedar Grove.</i>
Butler, Ward Elmer . . . . .	<i>Blue Hill.</i>
Clarke, Frank Wilson . . . . .	<i>Damariscotta.</i>
Day, De Forest Smith . . . . .	<i>Jefferson.</i>
Files, Ernest Woodbury, A.B. . . . .	<i>Gorham.</i>
Folsom, Ernest Bertrand, A.B. . . . .	<i>Stroudwater.</i>
Gould, Arthur Davis . . . . .	<i>Ellsworth.</i>
Harden, Don Leslie . . . . .	<i>Phillips.</i>
Hayden, Benjamin Franklin, A.B. . . . .	<i>S. Portland.</i>
Hunt, Charles Henry, A.B. . . . .	<i>Portland.</i>
Hunt, Harry Joseph, A.B. . . . .	<i>Bangor.</i>
Ilsley, Harris Page . . . . .	<i>Limington</i>
O'Connor, John Christopher, B.S. . . . .	<i>Bradford, Mass.</i>
Playse, Linn Foss . . . . .	<i>Skowhegan.</i>
Pooler, James Edward . . . . .	<i>Waterville.</i>
Pritham, Fred John . . . . .	<i>Freeport.</i>
Russell, Daniel Frank Davis . . . . .	<i>Leeds.</i>
Sherman, Warren Hunter . . . . .	<i>Damariscotta.</i>
Smith, Fred Milton . . . . .	<i>Portland.</i>

## FIRST YEAR

Name	Residence
Barrows, Harris Clark . . . . .	<i>Augusta.</i>
Bridgham, Paul Chester . . . . .	<i>Cohasset, Mass.</i>
Bragg, Jesse Sumner, A.B. . . . .	<i>St. Albans.</i>
Crane, James Wilder . . . . .	<i>Whiting.</i>
Davis, Arthur Osman . . . . .	<i>Bridgton.</i>
Davis, John Lewis . . . . .	<i>Portland.</i>
Derry, Louis Andrew, A.B. . . . .	<i>Portland.</i>
Doughty, Horace Everett . . . . .	<i>Kittery.</i>
Ferren, Frank Leslie . . . . .	<i>W. Levant.</i>
Fisher, Stanwood Elmer . . . . .	<i>Portland.</i>
Gilbert, Percy Emerton, A.B. . . . .	<i>Waterville.</i>
Ford, Leonard Harris, B.S. . . . .	<i>E. Eddington.</i>
Hall, Herbert Wilder . . . . .	<i>Fairfield.</i>
Johnson, George Harold . . . . .	<i>Augusta.</i>
Kelley, Ralph Berry . . . . .	<i>Island Falls.</i>

# Bowdoin College

Name	Residence
Larrabee, Scott Goddard . . . . .	<i>Scarboro.</i>
McIntire, Ralph Alvah . . . . .	<i>Salt Lake City, Utah.</i>
Marks, Homer Elbridge . . . . .	<i>Portland.</i>
Mason, Bradstreet Henry . . . . .	<i>Monroe, P. O. Brooks.</i>
Munro, Daniel Colin . . . . .	<i>Gardiner.</i>
Priest, Maurice Albert . . . . .	<i>Shawmut.</i>
Ridlon, Joseph Randall . . . . .	<i>Gorham.</i>
Ridlon, Magnus Gervise . . . . .	<i>Porter.</i>
Roberts, Walter Joseph . . . . .	<i>Kennebunkport.</i>
Ross, Atherton Monette . . . . .	<i>Phillips.</i>
Ross, Chester Blanchard . . . . .	<i>S. Berwick.</i>
Schriver, Alfred Herman . . . . .	<i>Middle Southamton, N. B.</i>
Shaughnessy, Michael James . . . . .	<i>Brockton, Mass.</i>
Shaw, Adam, Jr. . . . .	<i>Lowell, Mass.</i>
Simonds, Otis Franklin . . . . .	<i>Portland.</i>
Thompson, Herbert Ellery . . . . .	<i>Sebago Lake.</i>
Thompson, Philip Pickering, A.B. . . . .	<i>Portland.</i>
Welch, Francis Joseph . . . . .	<i>Portland.</i>
Wells, Elwin Harrison . . . . .	<i>Rumney, N. H.</i>
Wiggin, Chester McLoon . . . . .	<i>Rockland.</i>
Woodbury, Malcolm Sumner . . . . .	<i>Portland.</i>
Woods, Fred Sumner . . . . .	<i>S. Portland.</i>

**BOWDOIN**



**COLLEGE**

## **Announcements.**

### **Admission by Certificate.**

As a member of the New England College Entrance Certificate Board, Bowdoin College will admit without examinations all students who present themselves for admission with certificates from principals of such schools as are approved by this Board. All other candidates for admission will be admitted on examination, which will be held in accordance with the regulations stated on pages 45, 46, and 47 of the annual catalogue for 1903-1904.

Although, for the present, examination papers will be sent as usual to the fitting schools, candidates for admission by examination are urged to take examinations in Brunswick either in June or September, in case it is possible. All candidates for admission by certificate who fail to receive a complete certificate from their principals, are required to take examinations in the remaining subjects in Brunswick.

### **Change in the Regulations Governing the Choice of Electives.**

#### **Majors and Minors.**

Special attention is hereby called to a recent change in the regulations governing the choice of electives, which was adopted by the Faculty after the catalogue of 1903-1904 had gone to press.

On and after January 1, 1904, all candidates for the degree of Bachelor of Arts will be required to choose electives with reference to major and minor subjects.

#### **Definition.**

A major subject is a course pursued for three consecutive years.  
A minor subject, a course pursued for two years.

#### **Regulation.**

Each candidate for the degree of Bachelor of Arts must so arrange his elective studies that, at the completion of his college course, he will have to his credit one of the three following groups:

1. Two major subjects.
2. One major and two minor subjects.
3. Four minor subjects.

The candidate has complete freedom of choice in the election of the remaining courses, and the required subjects of Freshman year count equally with the electives of the last three years in making up majors and minors.

BRUNSWICK, MAINE,

January 1, 1904.



# Instructors and Students

## Summary of Instructors and Students

### INSTRUCTORS

ACADEMICAL FACULTY . . . . .	20
MEDICAL FACULTY . . . . .	26
	<hr/>
TOTAL . . . . .	46
NAMES COUNTED TWICE . . . . .	4
	<hr/>
TOTAL . . . . .	42

### STUDENTS

#### ACADEMICAL DEPARTMENT

SENIORS . . . . .	55
JUNIORS . . . . .	60
SOPHOMORES . . . . .	70
FRESHMEN . . . . .	73
SPECIAL STUDENTS . . . . .	19
	<hr/>
TOTAL . . . . .	277

#### MEDICAL SCHOOL

FOURTH YEAR . . . . .	20
THIRD YEAR . . . . .	23
SECOND YEAR . . . . .	20
FIRST YEAR . . . . .	37
	<hr/>
TOTAL . . . . .	100
	<hr/>
TOTAL . . . . .	377
NAMES COUNTED TWICE . . . . .	8
	<hr/>
TOTAL IN THE INSTITUTION . . . . .	369

# Bowdoin College

## Appointments and Awards

### HONORARY COMMENCEMENT APPOINTMENTS

#### Class of 1903

##### Summa cum Laude

Robinson, Clement Franklin

Clifford, Philip Greely	Martin, Selden Osgood
Houghton, William Morris	Simpson, Scott Clement Ward
Walker, Leon Valentine	

##### Magna cum Laude

Barrows, Harris Clark	McCormick, Donald Edward
Blanchard, Merrill	Stover, George Hinkley
Farnsworth, George Bourne	Thompson, Herbert Ellery
Harris, Philip Talbot	

##### Cum Laude

Coffin, Philip Owen	Nutter, Irving Wilson
Fuller, Carl Spencer	Peabody, Henry Adams
Harlow, John Alfred	Ridlon, Joseph Randall
Larrabee, Sydney Bartels	Shaughnessy, Michael James
Marshall, Farnsworth Gross	Woodbury, Malcolm Sumner

### CLASS OF 1868 PRIZE SPEAKING

#### Class of 1903

Simpson, Scott Clement Ward	Martin, Selden Osgood
Robinson, Clement Franklin	Walker, Leon Valentine
Stover, George Hinkley	Marshall, Farnsworth Gross

# Appointments and Awards

## BRADBURY PRIZE DEBATE

### Classes of 1904 and 1905

#### *Affirmative*

Merrill, Edward Folsom  
Burpee, George William  
Martin, Selden Osgood  
Robinson, Clement Franklin. — *Alternate*

#### *Negative*

Campbell, Gilman Hutchins  
Stover, George Hinkley  
Marshall, Farnsworth Gross

## SOPHOMORE PRIZE DECLAMATION

### Class of 1905

Burroughs, Ernest Henry Redding	Pierce, Leonard Augustus
Chase, Stanley Perkins	Ryan, Frank Keith
Donnell, Charles Joseph	Seavey, Frank Elias
Hamilton, Everett Woodbury	Tucker, George Everett
Harvey, Edwin La Forest	White, Donald Cameron
Much, Rupert MacDonnell	Williams, Stanley

## AWARDS IN 1903

GOODWIN PRIZE. Selden Osgood Martin

CLASS OF 1868 PRIZE. George Hinkley Stover

PRAY ENGLISH PRIZE. Clement Franklin Robinson

BROWN PRIZES FOR EXTEMPORANEOUS COMPOSITION. Farnsworth Gross Marshall, first prize; George Hinkley Stover, second prize

SOPHOMORE DECLAMATION PRIZES. Ernest Henry Redding Burroughs, first prize; Edwin La Forest Harvey, second prize

SEWALL LATIN PRIZE. James Newell Emery

SEWALL GREEK PRIZE. No award

GOODWIN FRENCH PRIZE. Cyrus Clyde Shaw

NOYES POLITICAL ECONOMY PRIZE. No award

SMYTH MATHEMATICAL PRIZE. Farnsworth Gross Marshall, Stanley Perkins Chase

CLASS OF 1875 PRIZE IN AMERICAN HISTORY. Arthur Carlton Shorey



## Bowdoin College

SPECIAL PRIZE IN EUROPEAN HISTORY. Philip Kilborn Greene, with honorable mention of William John Norton

HAWTHORNE PRIZE. Clement Franklin Robinson

BRADBURY DEBATE PRIZES. Edward Folsom Merrill, George William Burpee, and Selden Osgood Martin

BROWN MEMORIAL SCHOLARSHIPS. Scott Clement Ward Simpson, Class of 1903; Samuel Trask Dana, Class of 1904; Stanley Perkins Chase, Class of 1905; Philip Freeland Chapman, Class of 1906

MEDICAL SCHOOL: Honor Men (in order of their standing). Arthur Weston Strout, A.B., Harry Alton Moody, Oramel Elisha Haney, Frank Forester Simonton, A.B.

CHARLES CARROLL EVERETT SCHOLARSHIP. Algernon Sidney Dyer, A.M., Class of 1891

# Degrees Conferred in 1903

## Degrees Conferred in 1903

### BACHELOR OF ARTS

Abbott, Edward Farrington	Munro, Daniel Colin
Andrews, Ralph	Nutter, Irving Wilson
Barrows, Harris Clark	Peabody, Henry Adams
Bisbee, Robert Calvin	Perkins, James Blenn
Blanchard, Merrill	Perkins, Niles Lee
Clifford, Philip Greely	Phillips, Moses T.
Coffin, Philip Owen	Pierce, Grant
Connors, Charles Patrick	Pratt, Harold Boswell
Dana, Luther	Preble, Paul
Dunlap, Edward Augustus, Jr.	Ridlon, Joseph Randall
Emery, Barton Comstock	Riley, Thomas Harrison, Jr.
Farley, Henry Garfield	Robinson, Clement Franklin
Farnsworth, George Bourne	Sabin, George Shaw
Fuller, Carl Spencer	Shaughnessy, Michael James
Gray, Samuel Braley	Shaw, Charles Carroll
Harlow, John Alfred	Simpson, Scott Clement Ward
Harris, Philip Talbot	Smith, Bertram Louis
Havey, Andy Percy	Smith, Carl Williams
Hellenbrand, Ralph Wellington	Spollett, Frederick William
Holt, Albert Perry	Stover, George Hinkley
Houghton, William Morris	Thompson, Herbert Ellery
Jones, Harris Allen	Towne, Frank Ernest
Larrabee, Sydney Bartels	Towne, Winfield Chester
Lawrence, Franklin	Walker, Leon Valentine
Libby, George, Jr.	Webber, Harrie Linwood
Marshall, Farnsworth Gross	Welch, Francis Joseph
Martin, Selden Osgood	Wells, Theodore Walter
McCormick, Donald Edward	White, Thomas Carter
Merrill, Edward Folsom	Whitmore, Leonard Cecil
Mitchell, John Lincoln	Wilson, Jesse Davis
Moody, Edward Fairfield	Woodbury, Malcolm Sumner
Moore, Edward Whiteside	

# Bowdoin College

## Out of Course

John Haskell (as of the class of 1896)

James Howard Horne (as of the class of 1897)

## MASTER OF ARTS

Anthoine, Edward Swasey (1902) Haskell, Walter Frank (1895)

Cowan, Fred Herbert (1901) Lewis, George Lothrop (1901)

Glidden, Walter Stevens (1902) Nason, Arthur Huntington (1899)

## DOCTOR OF MEDICINE

Bridgham, Charles Spiro

Moody, Harry Alton

Goss, Richard Albert

Nevers, Harry Hill

Grindle, J. Lowell

Parker, Mason

Haney, Oramel Elisha

Russell, James Percy, A.B.

Hagerthy, Albert Bellathy

Simonton, Frank Forester, A.B.

Hambleton, Marcus Philip

Strout, Arthur Weston, A.B.

Hanscom, Edgar Ivory, A.B.

Turner, George Henry

Hills, Louis Lenville, A.B.

Varney, Elton Murray

Little, Stillman David

Wiley, Arthur Gordon, A.B.

Lord, Fred Clarence

Wiseman, Robert James

## Honorary Degrees

### MASTER OF ARTS

Henry Ernest Woods

Herman Kotzschmar

### DOCTOR OF LAWS

Franklyn Clement Robinson (1873)

Oliver Stevens (1848)

Simon Newton Dexter North

### DOCTOR OF DIVINITY

Edwin Beaman Palmer (1856)

**BOWDOIN COLLEGE**



## FACULTY

WILLIAM DEWITT HYDE, DD., LL.D., PRESIDENT, and  
*Professor of Mental and Moral Philosophy.*

HENRY LELAND CHAPMAN, D.D., *Professor of English Literature.*

LESLIE ALEXANDER LEE, PH.D., *Professor of Geology and Biology.*

FRANKLIN CLEMENT ROBINSON, LL.D., *Professor of Chemistry and Mineralogy.*

WILLIAM ADDISON HOUGHTON, A.M., *Professor of Latin.*

HENRY JOHNSON, PH.D., *Professor of Romance Languages.*

FRANK EDWARD WOODRUFF, A.M., *Professor of Greek.*

GEORGE THOMAS LITTLE, LITT.D., *Librarian.*

WILLIAM ALBION MOODY, A.M., RECORDER, and *Professor of Mathematics.*

CHARLES CLIFFORD HUTCHINS, A.M., *Professor of Physics.*

FRANK NATHANIEL WHITTIER, M.D., *Director of the Gymnasium, and Lecturer on Hygiene.*

GEORGE TAYLOR FILES, PH.D., REGISTRAR, and *Professor of German.*

WILMOT BROOKINGS MITCHELL, A.B., *Professor of Rhetoric and Oratory.*

ALFRED LEWIS PINNEO DENNIS, PH.D., *Professor of History and Political Science.*

ROSWELL CHENEY MCCREA, PH.D., *Professor of Economics and Sociology.*

ROSCOE JAMES HAM, A.B., *Assistant Professor of Modern Languages.*

KENNETH CHARLES MORTON SILLS, A.M., *Instructor in the Classics and English.*

JOSEPH CLEAVELAND PEARSON, A.M., *Instructor in Physics and Anatomy.*

ERNEST BERTRAND FOLSOM, A.B., *Assistant in Biology.*

ROBERT SANFORD BENSON, A.B., *Assistant in Chemistry.*

# Bowdoin College

## Committees of the Faculty

CLASS OFFICERS. — *Senior*, Professor Dennis; *Junior*, Professor Files; *Sophomore*, Professor Hutchins; *Freshman*, Professor Houghton.

RECORDING. — Professor Files, *Chairman*; Professor Moody.

ADMISSION TO ADVANCED STANDING AND ON SPECIAL STUDENTS.

— Professor Lee, *Chairman*; Professor Dennis.

LIBRARY. — Dr. Little, *Chairman*; Professors Chapman, Johnson, Lee, and McCrea.

PUBLIC EXERCISES. — Professor Robinson, *Chairman*; Professor Lee and Dr. Little.

MUSIC. — Professor Woodruff, *Chairman*; Professors Hutchins and Chapman.

REGISTRATION. — Professor Mitchell, *Chairman*; Dr. Whittier.

RELATIONS WITH PREPARATORY SCHOOLS. — Professor Robinson, *Chairman*; Professors Johnson and Houghton.

ADVISORY COMMITTEE ON ATHLETICS. — Dr. Whittier, *Chairman*; Professor Moody.

## ADMISSION TO THE COLLEGE

### Subjects in which Examinations are held

Candidates for admission to the Freshman Class are examined in the following subjects:

#### ENGLISH

I. ENGLISH GRAMMAR AND COMPOSITION.

II. READING AND PRACTICE. The candidate will be required to present evidence of a general knowledge of the subject-matter of the books mentioned, and to answer simple questions on the lives of their authors. The examination will usually be the writing of a paragraph or two on each of several topics set in the paper given the candidate. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a gen-



## Admission

eral knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books. The books for this part of the examination will be:

For 1904 and 1905 — Shakespeare's "Merchant of Venice" and "Julius Cæsar;" the Sir Roger de Coverley Papers in the "Spectator;" Goldsmith's "Vicar of Wakefield;" Coleridge's "Ancient Mariner;" Scott's "Ivanhoe;" Carlyle's "Essay on Burns;" Tennyson's "Princess;" Lowell's "Vision of Sir Launfal;" George Eliot's "Silas Marner." After 1905, in this list of books prescribed for "reading and practice" Irving's "Life of Goldsmith," Scott's "Lady of the Lake," Shakespeare's "Macbeth," and Tennyson's "Gareth and Lynette," "Lancelot and Elaine," and "The Passing of Arthur" will take the places of Goldsmith's "Vicar of Wakefield," Carlyle's "Essay on Burns," Shakespeare's "Julius Cæsar," and Tennyson's "Princess."

In preparation for this part of the requirement, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

III. STUDY AND PRACTICE. This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure; and will also test the candidate's ability to express his knowledge with clearness and accuracy. The books for this part of the examination will be:

For 1902 and 1903 — Shakespeare's "Macbeth;" Milton's "Lycidas," "Comus," "L'Allegro," and "Il Penseroso;" Burke's "Speech on Conciliation with America;" Macaulay's "Essays on Milton and Addison." After 1905, in this list of books prescribed for "study and practice" Macaulay's "Essay on Johnson" and Shakespeare's "Julius Cæsar" will take the places of Macaulay's "Essay on Milton" and Shakespeare's "Macbeth."

In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

# Bowdoin College

## MATHEMATICS

I. ALGEBRA. The requirement in Algebra embraces the following topics: All elementary processes necessary for the solution of simultaneous equations of the first degree; the statement and solution of problems leading to these equations; treatment of inequalities; doctrine of square and cube root; theory of exponents; radicals and imaginaries; solution of quadratics and equations in quadratic form by the method of completing the square, by factoring, and by a formula; discussion of the properties of quadratics; quadratics containing two unknown quantities, and the solution of problems leading thereto; ratio and proportion; arithmetical and geometric progressions; binomial theorem for positive integral exponents.

II. PLANE GEOMETRY. The requirement in Plane Geometry includes the theorems and exercises of the ordinary school text-book; mensuration of plane figures; and numerical problems based on the text. The candidate should be able to write formal demonstrations of simple original theorems.

III. ADVANCED ALGEBRA. The following subjects or their equivalents: Indeterminate equations, undetermined coefficients, binomial theorem, theory of limits, logarithmic series, solution of equations by synthetic division with necessary theorems, and graphs of quantities, with rational, or with not more than two irrational or imaginary roots.

IV. SOLID GEOMETRY, as represented by the ordinary college text-books. Candidates must readily solve problems of solid mensuration and demonstrate original theorems which may be easily deduced from the text.

V. PLANE TRIGONOMETRY as represented by the usual text-books. Candidates must be familiar with the theory and use of six-place logarithmic tables.

## LATIN

I. ELEMENTARY LATIN. The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts:

(a) The translation at sight of simple Latin prose and verse.

(b) A thorough examination on Cicero's second, third, and fourth

## Admission

speeches against Catiline, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Latin prose, involving the use of such words, constructions, and idioms only, as occur in the speeches prescribed.

II. ADVANCED LATIN. The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *four* school years. It will consist of two parts :

(a) The translation at sight of passages of Latin prose and verse, with questions on ordinary forms, constructions, and idioms, and on prosody.

(b) The translation into Latin prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Latin prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

### GREEK

I. ELEMENTARY GREEK. The examination will be adapted to the proficiency of those who, in addition to the course defined as suitable preparation for the examination in Elementary Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *two* school years. It will consist of two parts :

(a) The translation at sight of passages of simple Attic prose.

(b) A thorough examination on Xenophon's "Anabasis," Book II, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Attic prose, involving the use of such words, constructions, and idioms only, as occur in the portion of Xenophon prescribed.

II. ADVANCED GREEK. The examination will be adapted to the proficiency of those who, in addition to the course defined as a suitable preparation for the examination in Advanced Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts :

(a) The translation at sight of passages of Attic prose and of Homer, with questions on ordinary forms, constructions, and idioms, and on prosody.

# Bowdoin College

(*b*) The translation into Attic prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Greek prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

## FRENCH

I. ELEMENTARY FRENCH. Elements of French Grammar, as represented in amount by Fraser and Squair's "French Grammar and Reader," to page 161, and 150 pages of modern French Prose.

II. ADVANCED FRENCH. (*a*) French Grammar as represented in amount by Fraser and Squair's "French Grammar and Reader," pages 162-382. (*b*) French Prose Composition as represented, for example, by François's Introductory French Composition. (*c*) Ability to read at sight ordinary French prose or poetry. Those desiring guidance in the selection of suitable texts will find helpful the list given in Section XI, Report of the Committee of Twelve of the Modern Language Association of America, United States Bureau of Education. (*d*) Ability to write simple French sentences from dictation.

## GERMAN

I. ELEMENTARY GERMAN. (*a*) The translation at sight of simple German prose. (*b*) Questions intended to test the candidate's knowledge of elementary grammar. (*c*) The translation into German of simple English sentences, or of easy connected prose.

The examination in Elementary German presupposes a knowledge of the elements of German grammar as represented, for example, by Harris's "German Lessons," or Part I of Joynes-Meissner or Thomas's "German Grammar;" German Prose Composition as represented, for example, by Harris's "German Prose Composition," pages 10 to 50; and ability to read at sight ordinary German prose or simple poetry. Those desiring guidance in the selection of suitable texts will find helpful the list given in Section VIII, Report of the Committee of Twelve of the Modern Language Association, United States Bureau of Education.

II. ADVANCED GERMAN. (*a*) The translation at sight of ordinary German. (*b*) The translation into German of a connected pas-

## Admission

sage of English prose. (c) Direct questions to test candidate's proficiency in grammar.

The passage set for translation into English will be suited to the proficiency of those who have read, in addition to the work required for Elementary German, not less than 200 pages of classical and contemporary prose and verse.

### CHEMISTRY

General chemistry as represented by Remsen's "Introduction to Chemistry" or some other text-book of similar scope. Candidates must present note-books, certified by their instructors, in which are the results of their own experiments and full notes of processes; and not less than one-half of the time spent upon chemistry must have been given to laboratory work.

### PHYSICS

Physics as represented by Gage's "Elements of Physics" or other text-book of equal grade. Candidates must be able to solve numerical examples under the various sections; must have performed forty experiments from Hall and Bergen's text-book, and have kept a note-book containing a written description in their own language of their experiments, with all their calculations. These note-books must be certified by their instructors and presented at the examination.

### HISTORY (INCLUDING HISTORICAL GEOGRAPHY)

I. GREEK HISTORY. To the death of Alexander with due reference to Greek life, literature, and art.

II. ROMAN HISTORY. To 800 A.D. with due reference to government and institutions.

III. ENGLISH HISTORY. With special reference to social and political development.

IV. AMERICAN HISTORY. With special attention to the development of institutions and principles of civil government.

The examinations in these subjects will call for comparison of historical characters and periods, for summaries of institutional development, and in general for exercise of judgment as well as memory. A knowledge of historical geography, which will be tested by an outline

# Bowdoin College

map, is essential. The amount of collateral reading which has been done by the student will be taken into consideration. In general, all schools are urged to take steps to make their courses conform as far as possible to the recommendations of the Committee of Seven.

## Terms of Admission

The subjects which have been mentioned in the previous pages may be presented in satisfaction of the requirements for admission to the Freshman Class in Bowdoin College under the following conditions. The basis of the system is the work represented by a course pursued five hours per week for a period of thirty-eight weeks. Such a course counts two points.

I. A candidate for admission must offer subjects amounting in all to 26 points.

II. The following subjects aggregating 20 points are required :

English . . . . .	4
Latin . . . . .	8
Algebra . . . . .	4
Plane Geometry . . . . .	2
Roman History . . . . .	1
Greek, English, or American History . . . . .	1
	<hr/>
	20

III. Subjects amounting to 6 points must be elected from the following list :

Greek, Elementary . . . . .	4	Physics . . . . .	2
Greek, Advanced . . . . .	2	Advanced Algebra . . . . .	1
French, Elementary . . . . .	2	Solid Geometry . . . . .	1
French, Advanced . . . . .	2	Trigonometry . . . . .	1
German, Elementary . . . . .	4	Greek History . . . . .	1
German, Advanced . . . . .	2	American History . . . . .	1
Chemistry . . . . .	2	English History . . . . .	1

IV. If Elementary Greek is not presented, the candidate for admission must offer either Elementary French or Elementary German.



# Admission

## ADMISSION BY CERTIFICATE

As a member of the New England College Entrance Certificate Board, Bowdoin College will admit without examinations all students who present themselves for admission with certificates from principals of such schools as are approved by this Board. All other candidates for admission will be admitted on examinations, which will be held in accordance with the regulations given below.

Particular attention is called to the following rule of the New England College Entrance Certificate Board in regard to certification :

“Rule VII. Certificates coming from any school approved by the Board and covering all the requirements for admission made by any college represented in the Board, shall be valid at such college, and certificates that do not so cover the entire requirements shall be treated by each college according to the rules which that college establishes for such certificates. No certificate from a school not approved by this Board shall be valid for admission at any co-operating college unless the school lies outside of the jurisdiction of the Board.”

Blank certificates may be had on application to the Registrar.

## ADMISSION BY EXAMINATION

The regular examinations for admission to college will be held in Massachusetts Hall, in Brunswick, on Thursday, Friday, and Saturday, June 23, 24, and 25, 1904, and on Monday, Tuesday, and Wednesday, September 19, 20, and 21, 1904. At the examinations in June, attendance is required at 1.30 P.M. on Thursday. At the examinations in September, attendance is required at 1.30 P.M. on Monday. The examinations are chiefly in writing. The Schedule for the examinations of either period will be sent on application.

EXAMINATIONS AT PREPARATORY SCHOOLS. Printed examination papers in certain of the subjects required for admission to college will be furnished to the principal of any high school or academy of good standing, having a regular college preparatory course of not less than three years in length, for the use of such of his students as propose to join the Freshman class at Bowdoin. In exceptional cases, the conduct of the examinations may, on the recommendation



## Bowdoin College

of the principal, be entrusted to some other person approved by the Faculty.

The following are the subjects in which papers will be sent : 1, English ; 2, Elementary Greek ; 3, Advanced Greek ; 4, Elementary Latin ; 5, Advanced Latin (two papers) ; 6, Algebra ; 7, Plane Geometry ; 8, Elementary French ; 9, Advanced French ; 10, Elementary German ; 11, Advanced German ; 12, Roman History ; 13, Greek History ; 14, English History ; 15, American History.

On each of the above subjects, except Advanced Latin, one paper is sent. In Advanced Latin there are two papers (Parts I and II), the second of which consists of Latin Composition.

No papers will be sent in either Advanced Mathematics, Chemistry, or Physics. The entrance examinations in these subjects can be taken only at Brunswick.

In holding entrance examinations elsewhere than in Brunswick, the following regulations are to be observed :

1. Papers are sent only in June. The dates for holding the examinations this year are June 9, 10, and 11. *Under no circumstances can papers be sent at any other dates.*

2. Applications for papers, addressed to the Registrar, must be received *not later than June 7*, and should state the name of the school, the subjects in which papers are desired, and the number of students to be examined in each subject.

3. Printed examination papers, together with the requisite number of blue-books, will be sent to the principal by express, prepaid, in time for the examination. On the completion of the examination, the books are to be returned at once by express, at the expense of the college.

4. The examinations are to be conducted by the principal in conformity with a schedule of hours fixed by the college. Copies of the schedule can ordinarily be obtained by May 15, on application to the Registrar.

Examinations are also held at Thornton Academy, Saco ; at Washington Academy, East Machias ; at Fryeburg Academy ; and at Lincoln Academy, Newcastle, these schools having been made special fitting schools for the college by the action of their several Boards of Trustees, in concurrence with the Boards of Trustees and Overseers of the college.

## Admission

The entrance examinations may, if the candidate prefers, be divided between two or more successive years, or between June and September of the same year. In that case a certificate will be given for such subjects as are passed at each examination.

A report of the results of the examinations, whether at Brunswick or elsewhere, is made to the principal, and also to the candidate, within two weeks after Commencement.

### ADVANCED STANDING

Candidates for admission to the Sophomore, Junior, and Senior classes, who do not present certificates from other colleges, are examined in the studies already pursued by the class which they wish to enter, equivalents being accepted for the books and authors studied by the class. No one is admitted to the Senior Class after the beginning of the second term. Applications for admission to advanced standing should be addressed to the Chairman of the Committee on Admission to Advanced Standing and on Special Students (see p. 38).

### TESTIMONIALS AND CERTIFICATES

Testimonials of good moral character must in all cases be presented before tickets of admission are granted. A testimonial is preferred from the teacher under whom the preparatory course was completed. A student from another college, before he can be admitted, must present a certificate of honorable dismissal.

### BOND

A bond for two hundred dollars, with satisfactory sureties, must be filed with the Treasurer by every student on his admission to college, as security for the payment of his term bills and any other charges that may arise under the college laws. A blank form for this purpose will be given with the ticket of admission.

### SPECIAL STUDENTS

Persons who give evidence of maturity, earnestness of purpose, and adequate preparation will be allowed to pursue special studies

# Bowdoin College

in connection with the regular classes, without becoming matriculated members of the college. Applications for admission as special students should be addressed to the Chairman of the Committee on Admission to Advanced Standing and on Special Students (see p. 38).

## Required and Elective Studies

### REQUIRED STUDIES

The studies of Freshman year are chiefly required. German is required in the Sophomore year of all students except those who offer either German or French for admission. In addition, a course in Physical Training is required of all students during the second term of each year, and theme-writing throughout the Junior year. All other courses are elective.

The variety of subjects that may be offered for admission necessitates the division of students into two groups, which in the following schedule of required courses and in the description of courses of instruction are designated as follows:

Class I. Candidates for the degree of A.B. who offer Greek for admission.

Class II. Candidates for the degree of A.B. who offer other subjects than Greek for admission.

### SCHEDULE OF FRESHMEN COURSES

(The numeral in parentheses indicates the number of hours per week.)

#### CLASS I. (Students entering with Greek.)

##### REQUIRED

Hygiene (1) 1st term  
Elocution 1, 2, (1) 2d and 3d terms  
English 1, 2, 3, (3)  
French 1, 2, 3, (3) [or German 1,  
2, 3, (3)]

##### ELECTIVE

Choose two of the following:  
\* Mathematics 1, 2, 3, (4)  
Latin 1, 2, 3, (4)  
Greek 1, 2, 3, (4)

\* Those who propose to elect Physics 1, 2, 3 in the Sophomore year must elect Mathematics 1, 2, 3 in the Freshman year.

# Required and Elective Studies

## CLASS II. (Students entering without Greek.)

### REQUIRED

Hygiene (1) 1st term  
Elocution 1, 2, (1) 2d and 3d terms  
English 1, 2, 3, (3)  
German 1, 2, 3, (3) [or French 1, 2, 3, (3)]

### ELECTIVE

Choose one of the following:  
Mathematics 1, 2, 3, (4)  
Latin 1, 2, 3, (4)  
And one from the following:  
Greek A, B, C (4)  
French 4, 5, 6, (3)  
\* Physics 1, 2, 3, (4)  
Latin 1, 2, 3, or Mathematics 1, 2, 3

\* Those who elect Physics 1, 2, 3 in Freshman year must also elect Mathematics 1, 2, 3.

## SCHEDULE OF SOPHOMORE COURSES

### CLASS I

#### REQUIRED

German

#### ELECTIVE

All other courses

### CLASS II

#### REQUIRED

\* German

#### ELECTIVE

All other courses

\* Candidates offering French for admission will take German in place of French in the Freshman year.

## RULES GOVERNING ELECTION OF STUDIES

1. Regular students are required to take four full courses each term in addition to the required work in Themes, Hygiene, and Physical Training.

2. Special students are required to take courses amounting in all to twelve hours per week.

3. No regular student is allowed to take more than five courses in any term without the consent of the Faculty.

4. No student is allowed to elect courses involving a conflict of hours, except with permission of the Faculty.

# Bowdoin College

## Courses of Instruction

### GREEK

PROFESSOR WOODRUFF; MR. SILLS

A. White's "First Greek Book." First term: Monday, Tuesday, Thursday, Friday, 1.30.

B. Xenophon's "Anabasis," with exercises in writing Greek. Second term: Monday, Tuesday, Thursday, Friday, 1.30.

C. Homer. Third term: Monday, Tuesday, Thursday, Friday, 1.30.

MR. SILLS.

Courses A, B, and C are elective for Freshmen, Class II

They will be omitted in any year when there are less than three applicants.

1. Xenophon's "Cyropaedia," Book I, with weekly exercises in translating into Greek. First term: Monday, Tuesday, Thursday, Friday, 1.30.

2. Selected portions of the "Odyssey." Second term: Monday, Tuesday, Thursday, Friday, 1.30.

3. The Gospel of Mark, with essays on New Testament topics. Third term: Monday, Tuesday, Thursday, Friday, 1.30.

PROFESSOR WOODRUFF and MR. SILLS.

Courses 1, 2, and 3 are elective for Freshmen, Class I (see p. 49).

4. Selections from the Lyric Poets, with written translations, and study of the life of the lyric age. First term: Monday, Tuesday, Wednesday, Friday, 11.30.

5. Euripides's "Medea," with study of the origin of the Greek drama, and the construction and usages of the Greek theatre; in alternation with Herodotus. Second term: Monday, Tuesday, Wednesday, Friday, 11.30.

6. The "Oedipus Tyrannus" of Sophocles; in alternation with Thucydides. Third term: Monday, Tuesday, Wednesday, Friday, 11.

PROFESSOR WOODRUFF.

Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3. Either course may be taken in two successive years.

## Courses of Instruction

7. Selected passages from Plato. First term: Two hours, at the convenience of instructor and students.

8. Selected tragedies; in alternation with Demosthenes. Second term: Two hours, at the convenience of instructor and students.

9. Selected plays of Aristophanes; in alternation with Lucian. Third term: Two hours, at the convenience of instructor and students.

PROFESSOR WOODRUFF.

Half-courses 7, 8, and 9 are elective for those who have taken Courses 4, 5, and 6. Either course may be taken in two successive years.

10. Teachers' Course. Designed for those who expect to teach Greek. The course includes a review of the fundamentals of Greek grammar, study of selected portions of Xenophon and Homer, and discussion of text-books and methods of teaching. Third term: Three hours, at the convenience of instructor and students.

PROFESSOR WOODRUFF.

Course 10 is elective for Seniors.

## LATIN

PROFESSOR HOUGHTON; MR. SILLS

1. Livy: Selections from Books I, XXI, and XXII. History of the Punic Wars. Latin composition. First term: Div. A, Monday, Wednesday, Friday, 8.30. Div. B, Monday, Wednesday, Friday, 9.30.

2. Horace: Odes and Epodes. Bender's "History of Roman Literature." Biographical, historical, and mythological studies, with themes and exercises. Second term: Div. A, Monday, Wednesday, Friday, 8.30. Div. B, Monday, Wednesday, Friday, 9.30.

3. Selections from various authors in prose and verse. Sight reading. Latin composition. Third term: Div. A, Monday, Wednesday, Friday, 8. Div. B, Monday, Wednesday, Friday, 9.

PROFESSOR HOUGHTON and MR. SILLS.

Courses 1, 2, and 3 are elective for Freshmen classes I and II (see p. 49). The work in composition, and historical, biographical, and mythological study is conducted by Mr. Sils, who meets the students in small groups.

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4. Roman Comedy : Plautus and Terence. Idiomatic rendering of the colloquial language and metrical reading of the original. First term : Monday, Tuesday, Thursday, Friday, 10.30.

5. Roman Satire : Horace and Juvenal, with comparison of Lucilius, Persius, and Petronius. The private life of the Romans and the social conditions of the first century of the Empire. Second term : Monday, Tuesday, Thursday, Friday, 10.30.

6. Cicero's Letters (Abbott). The history of the last twenty years of the Republic. Third term : Monday, Tuesday, Thursday, Friday, 10.

PROFESSOR HOUGHTON.

Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3.

[7. Seneca : Dialogues and Tragedies. A considerable amount of text is covered by rapid reading, with special attention to pronunciation and to direct apprehension of the meaning without translation. Assignments in the moral epistles are given for private reading. First term.] Omitted in 1903-1904.

[8. Tacitus : Annals (I-VI or XI-XVI), and Suetonius (Augustus and Tiberius, or Claudius, and Nero). Second term.] Omitted in 1903-1904.

[9. Lucretius. His relation to the poetry, philosophy, and religion of Rome. Third term.] Omitted in 1903-1904.

10. Cicero de Oratore. Latin writing. First term : Two hours, at the convenience of instructor and students.

11. Roman Elegiac Poetry : Tibullus, Propertius, and Ovid. Second term : Two hours, at the convenience of instructor and students.

12. Roman Epics. Vergil and Lucan, with comparison of Statius and Silius Italicus. Third term : Two hours, at the convenience of instructor and students.

PROFESSOR HOUGHTON.

Half-courses 7, 8, 9, 10, 11, and 12 are similar in scope and method. They are elective for Juniors and Seniors who have taken Courses 4, 5, and 6, and for others in special cases.

13. Teachers' Course. Designed for those who expect to teach Latin. Methods and aims of classical study. Preparatory authors treated from the teacher's point of view. First term : Two hours, at the convenience of instructor and students.

PROFESSOR HOUGHTON.

Course 13 is elective for Seniors.



# Courses of Instruction

## FRENCH

PROFESSOR JOHNSON; ASSISTANT PROFESSOR HAM

1. Grammar, composition, and easy reading. First term: Div. A, Tuesday, Thursday, Saturday, 9.30. Div. B, Tuesday, Thursday, Saturday, 8.30.

2. Grammar, composition, reading of modern prose. Second term: Div. A, Tuesday, Thursday, Saturday, 9.30. Div. B, Tuesday, Thursday, Saturday, 8.30.

3. Grammar, composition, reading of poetry and modern prose. Third term: Div. A, Tuesday, Thursday, Saturday, 9. Div. B, Tuesday, Thursday, Saturday, 8.

ASSISTANT PROFESSOR HAM.

Courses 1, 2, and 3 are required of all Freshmen and all other first-year students who have not passed the admission examination in Elementary French.

4. General review of French Grammar. Composition. Reading of modern prose. First term: Tuesday, Wednesday, Saturday, 11.30.

5. Continuation of Course 4. Second term: Tuesday, Wednesday, Saturday, 11.30.

6. Composition. Rapid reading of modern French. Third term: Tuesday, Wednesday, Saturday, 11.

ASSISTANT PROFESSOR HAM.

Courses 4, 5, 6 are elective for all students who have had one year of French. They are primarily courses in the French Language, and include a considerable amount of drill work on the inflectional systems and the important laws of syntax. Exercises in dictation and composition are required at each recitation. The reading matter is selected chiefly from nineteenth century writers. The course aims to train the student to read ordinary French with ease and accuracy and to understand it without translation.

7. Literature of the Seventeenth Century from Corneille to Racine, with written reports on outside reading. First term: Wednesday, 9.30; Thursday, 11.30; Saturday, 9.30.

8. Literature of the late Seventeenth and of the Eighteenth Centuries from Boileau to Beaumarchais. Written reports on assigned reading. Second term: Wednesday, 9.30; Thursday, 11.30; Saturday, 9.30.

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9. Literature of the Nineteenth Century from Chateaubriand to Taine. Written reports of outside reading. Third term: Wednesday, 9; Thursday, 11; Saturday, 9.

PROFESSOR JOHNSON.

Courses 7, 8, and 9 are planned to give a general view of French literature in the modern period. The literary workmanship, the national environment, and the writer's place in general literature are the object of special study. These courses are elective for those who have taken Courses 1, 2, and 3, and have attained a grade of A or B, or who have been accepted in Advanced French on admission.

10. Masterpieces of Corneille, Molière, Boileau, Racine, and La Fontaine. First term: Monday, 11.30; Wednesday, 10.30; Saturday, 11.30.

11. Bossuet, La Bruyère, Mme. de Sévigné, and Fénelon. Second term: Monday, 11.30; Wednesday, 10.30; Saturday, 11.30.

12. Lesage, Montesquieu, and Voltaire. Third term: Monday, 11; Wednesday, 10; Saturday, 11.

PROFESSOR JOHNSON.

Courses 10-12 are open to Juniors and Seniors who have taken Courses 7-9 or the equivalent. Written reports on assigned subjects are required in each course.

## GERMAN

PROFESSOR FILES; ASSISTANT PROFESSOR HAM

1. Grammar. First term: Div. C, Monday, Tuesday, Thursday, 2.30. Div. D, Monday, Tuesday, Thursday, 1.30.

2. Grammar. Translation of modern German prose. Second term: Div. C, Monday, Tuesday, Thursday, 2.30. Div. D, Monday, Tuesday, Thursday, 1.30.

3. Grammar. Translation of modern German prose and poetry. Third term: Div. C, Monday, Tuesday, Thursday, 2.30. Div. D, Monday, Tuesday, Thursday, 1.30.

ASSISTANT PROFESSOR HAM.

Courses 1, 2, and 3 are required of Freshmen who offer French for admission, and of all Sophomores who have not previously taken these courses or an equivalent.

## Courses of Instruction

4. Prose Composition and Reading. Fiction and Drama of the Nineteenth Century: Sudermann, Hauptmann, Fulda, and others. First term: Tuesday, Wednesday, Saturday, 11.30.

5. Prose Composition and Reading. Course 4 continued. Second term: Tuesday, Wednesday, Saturday, 11.30.

6. Prose Composition and Reading. Courses 4 and 5 continued. Third term: Tuesday, Wednesday, Saturday, 11.

PROFESSOR FILES.

Courses 4, 5, and 6 are elective for students who have taken Courses 1, 2, and 3 or an equivalent. They are intended primarily for students who propose to study the language a third year (German 10, 11, 12) and give abundant practice in prose composition and in reading the German. Reports upon sight reading in assigned texts are also demanded. The subject for study during the year 1903-1904 will be largely Sudermann and Hauptmann.

[7. Fiction of the Nineteenth Century: Baumbach, Freytag. First term.] Omitted in 1903-1904.

[8. Scientific German: Chemistry, Geology, Physiology. Second term.] Omitted in 1903-1904.

[9. Selections from representative German historians: Giesebrecht, von Ranke, von Treitschke, von Sybel. Third term.] Omitted in 1903-1904.

[ASSISTANT PROFESSOR HAM.]

Courses 7, 8, and 9 are given parallel with Courses 4, 5, and 6 and at the same hours. They are designed to give abundant practice in reading modern German. Grammatical work is limited to the minimum necessary for the most economical acquirement of facility in reading. In addition to the work indicated above, a considerable amount of sight reading is required—principally in the tales of Andersen, and in the lyric and ballad poetry of Heine and Goethe. The courses are elective for students who have completed Courses 1, 2, and 3 or an equivalent.

10. History of German Literature to the Nineteenth Century. Lectures and collateral reading. First term: Tuesday, Thursday, Friday, 10.30.

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11. History of German Literature. Continuation of Course 10. Second term: Tuesday, Thursday, Friday, 10.30.

12. History of German Literature. Continuation of Course 11. Third term: Tuesday, Thursday, Friday, 10.

PROFESSOR FILES.

Courses 10, 11, and 12 are elective for students who have taken Courses 1, 2, and 3, and 4, 5, and 6 or equivalents. They are designed to give a careful survey of the history of German literature from the earliest times to the nineteenth century. The lectures are in German. In addition, a large amount of collateral reading is required both in assigned texts in periods which are being studied and in histories of German literature.

## SPANISH

ASSISTANT PROFESSOR HAM

1. Grammar, composition, and reading. Garner's "Grammar;" Loiseaux's Reader. First term: Wednesday and Saturday, 10.30; Thursday, 11.30.

2. Continuation of Course 1. Reading of modern prose. Second term: Wednesday and Saturday, 10.30; Thursday, 11.30.

3. Continuation of Course 2. Third term: Wednesday and Saturday, 10; Thursday, 11.

The courses in Spanish may be counted towards the degree of A.B. only when taken consecutively in the same year. They are elective for Juniors and Seniors, and, with the consent of the instructor, to Sophomores.

## ENGLISH LITERATURE

PROFESSOR CHAPMAN

1. Literature of the Eighteenth Century. The Augustan writers. The beginning and progress of the romantic movement. First term: Monday, Tuesday, Thursday, Friday, 9.30.

2. Poets of the Nineteenth Century. Chief representatives of the poetry of the century. About one-half the time of the course is given to Wordsworth, Tennyson, and Browning. Second term: Monday, Tuesday, Thursday, Friday, 9.30.

## Courses of Instruction

3. American Literature. Lectures, readings, and text-book. Pan-coast's "Introduction to American Literature." Third term: Monday, Tuesday, Thursday, Friday, 9.

Courses 1, 2, and 3 form a consecutive course throughout the year. They are elective for Juniors and Seniors.

4. Early English Literature to the Fifteenth Century. Lectures, with special study of "Beowulf," "The Vision of Piers Plowman," and select portions of Chaucer. First term: Monday, Tuesday, Thursday, Friday, 1.30.

5. Literature of the Elizabethan period (1500 to 1625). Lectures and readings. Special study of the plays of Shakespeare discussed in Moulton's "Shakespeare as a Dramatic Artist." Second term: Monday, Tuesday, Thursday, Friday, 1.30.

6. Literature of the Rebellion and Restoration periods (1625 to 1700). Lectures and readings, with particular attention to the prose of Bunyan, Brown, Walton, Taylor, and Milton, and the verse of Milton and Dryden. Third term: Monday, Tuesday, Thursday, Friday, 1.30.

Courses 4, 5, and 6 form a consecutive course throughout the year, but either course may be taken without the others. They are elective for Seniors.

## RHETORIC AND ORATORY

PROFESSOR MITCHELL ; MR. SILLS

### ENGLISH

1. Newcomer's "Elements of Rhetoric;" Pearson's "Principles of Composition." Rhetorical analysis of pieces of good literature; outside reading of modern English prose; four long themes and occasional page themes. First term: Div. A, Monday, Wednesday, 8.30; Saturday, 9.30. Div. B, Monday, Wednesday, 9.30; Saturday, 10.30.

2. Newcomer's "Elements of Rhetoric;" Jevons's "Lessons in Logic." Analysis of great orations and arguments; outside reading of argumentative English prose; writing of four forensics; practice in debating. Second term: Div. A, Monday, Wednesday, 8.30; Saturday, 9.30. Div. B, Monday, Wednesday, 9.30; Saturday, 10.30.

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3. Wendell's "English Composition." Outside reading of modern English prose; three long themes and occasional page themes. Third term: Div. A, Monday, Wednesday, 8; Saturday, 9. Div. B, Monday, Wednesday, 9; Saturday, 10. PROFESSOR MITCHELL.

Courses 1, 2, and 3 are required of all Freshmen.

4. Exposition, description, narration: three long themes, daily themes, weekly translations. Wendell's "English Composition." Study of the English vocabulary. Outside reading: Stevenson's "Memories and Portraits," Hawthorne's "Scarlet Letter," and "Hamlet." Monday, Tuesday, Thursday, 9.30, and frequent conferences.

5. Argumentative composition, the principles of criticism: practice in brief-drawing, two long themes, weekly criticisms. Baker's "Principles of Argumentation." Study of the historical development of English prose. Outside reading: Lincoln's "Speeches," Macaulay's essays on Clive and Hastings. Monday, Tuesday, Thursday, 9.30.

6. Prose writers of the Nineteenth Century. Dawson's "Makers of Modern Prose." Study of the lives and the writings of Macaulay, Lamb, Landor, De Quincey, Carlyle, Ruskin, and Newman. Frequent criticisms and reports on outside reading; occasional page themes; one long essay. Outside reading: selections from authors studied in the text-book. Monday, Tuesday, Thursday, 9.

MR. SILLS.

Elective for Sophomores and for Juniors and Seniors taking Debating.

Themes. Four themes of not less than four hundred words each are required of all Juniors in each term. Subjects for themes are posted two weeks or more before the themes are due. Each theme is carefully read, the mistakes are marked, and a general criticism is written on the outside. The instructor then meets each student, hears him read his theme, points out the faults and merits of his writing, and suggests lines of profitable reading.

### ELOCUTION

1. Informal lectures; drill in articulation, intonation, and gesture; short declamations with criticism by both students and instructor.



## Courses of Instruction

Second term: Div. C, Friday, 10.30. Div. D, Friday, 11.30. Div. E, Friday, 1.30. Div. F, Friday, 2.30.

2. Declamations, previously rehearsed to the instructor, spoken before the class. Third term: Div. C, Friday, 10.30. Div. D, Friday, 11.30. Div. E, Friday, 1.30. Div. F, Friday, 2.30.

PROFESSOR MITCHELL.

Courses 1 and 2 are required of all Freshmen.

### DEBATING

PROFESSORS MITCHELL, DENNIS, AND MCCREA

2. Baker's "Principles of Argumentation." Practice in brief-drawing and oral debating. First term: Tuesday evening, 7.15-10. Elective for Sophomores, Juniors, and Seniors.

### PHILOSOPHY

PRESIDENT HYDE

1. Psychology. James's "Psychology;" Stout's "Manual of Psychology." First term: Tuesday, Wednesday, Thursday, Friday, 8.30.

2. Ethics. Mackenzie's "Manual;" Plato's "Republic;" Muirhead's "Chapters from Aristotle's Ethics;" examination of Mill's "Utilitarianism" and Spencer's "Data of Ethics." Second term: Tuesday, Wednesday, Thursday, Friday, 8.30.

3. History of Philosophy. Rogers's "Student's History of Philosophy;" selections from Descartes, Locke, Berkeley, and Kant. Third term: Tuesday, Wednesday, Thursday, Friday, 8.

[4. The Problems of Philosophy. Paulsen's "Introduction to Philosophy." Third term.] Omitted in 1902-1903.

Courses 1, 2, and 3 (or 4) are elective for Seniors and Juniors.

### HISTORY AND POLITICAL SCIENCE

PROFESSOR DENNIS

1. History of England to 1509. Gardiner's "Student's History of England." Vol. I. First term: Monday, Tuesday, Thursday, 1.30.

2. History of England, 1509-1688. Gardiner's "Student's History of England." Vol. II. Second term: Monday, Tuesday, Thursday, 1.30.



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3. History of England, 1688-1903. Gardiner's "Student's History of England." Vol. III. Third term: Monday, Tuesday, Thursday, 1.30.

History 1, 2, and 3 form a consecutive course throughout the year. History 2 must be preceded by History 1, and History 3 by History 1 and 2. They are elective for Sophomores, Juniors, and Seniors. In addition to the lectures, reading in the textbook, and quizzes, collateral reading in assigned books will be required. Special attention will be paid to historical geography, and maps will be drawn by each member of the class. History 1, 2, and 3 are given in alternation with History 7, 8, and 9.

4. American History to 1787. Thwaite's "The Colonies" and MacDonald's "Select Charters" will be used, and collateral reading and reports on special topics involving considerable independent study will be required. First term: Monday, Tuesday, Thursday, 8.30.

5. History of the United States, 1787-1829. Johnston's "American Politics," the "Federalist," and MacDonald's "Select Documents" will be used, and work similar to that in History 4 will be required. Second term: Monday, Tuesday, Thursday, 8.30.

6. History of the United States, 1829-1865. In this course Johnston's "American Politics" and Burgess's "The Middle Period" will be useful to the student. The work done in History 5 will be continued. Third term: Monday, Tuesday, Thursday, 8.

History 4, 5, and 6 form a consecutive course throughout the year. History 5 must be preceded by History 4, and History 6 by History 4 and 5. They are elective for Juniors and Seniors.

[7. History of Europe from the Teutonic Invasions to the close of the Middle Ages. First term.]

[8. History of Europe from the Renaissance to the French Revolution. Second term.]

[9. History of Europe since 1789. Third term.]

History 7, 8, and 9 form a consecutive course throughout the year and are governed by the same rules as History 1, 2, and 3. The work of the course will be similar to that in History 1, 2, and 3, emphasis being laid on continental history. They are omitted in 1903-1904.

[10a. Modern European Governments. This course will be open only to those who have previously studied European History. Special

## Courses of Instruction

emphasis will be laid on the English and Swiss systems, and the lectures will be supplemented by assigned reading. First term.]

Omitted in 1903-1904.

10*b*. Colonial Problems. This course deals with forms of government, methods of administration and other general questions in contemporary colonization. Special emphasis is laid on Asiatic affairs. The lectures are supplemented by assigned reading. First term: Monday, Tuesday, Thursday, 9.30.

This course is given in alternation with History 10*a*. Both are open to Seniors and Juniors.

11. American Government. This course will be open only to those who have previously taken History 4, 5, and 6 or an equivalent. Bryce's "American Commonwealth" and Cooley's "Principles of Constitutional Law" will be used as text-books. Collateral reading, reports of leading cases, and special reports on assigned topics will supplement the lectures. Second term: Monday, Tuesday, Thursday, 9.30.

12. Municipal Government. This course is a continuation of History 11, and is open only to those who have taken that course. A study will be made of the forms and problems of local government with special reference to the administration of large municipalities. Third term: Monday, Tuesday, Thursday, 9.

## ECONOMICS AND SOCIOLOGY

PROFESSOR MCCREA

1 and 4. Elementary Economics. A general introduction to the subject based on Bullock's "Introduction to the Study of Economics" and Hadley's "Economics." Lectures and discussion of text-books. First term: 1. Wednesday, Friday, Saturday, 9.30. 4. Wednesday, Friday, Saturday, 8.30.

Elective for Sophomores, Juniors, and Seniors.

2 and 5. Money and Banking, with especial reference to the experience of the United States. Scott's "Money and Banking;" Dunbar's

## Bowdoin College

"Theory and History of Banking." Second term: 2. Wednesday, Friday, Saturday, 9.30. 5. Wednesday, Friday, Saturday, 8.30.

Elective for Sophomores, Juniors, and Seniors who have taken Course 1 or Course 4.

3 and 6. Public Finance. Particular attention is given to taxation in the United States. Daniel's "Public Finance;" Seligman's "Essays in Taxation." Third term: 3. Wednesday, Friday, Saturday, 9. 6. Wednesday, Friday, Saturday, 8.

Elective for Sophomores, Juniors, and Seniors who have taken Courses 1 and 2 or Courses 4 and 5. Courses 4, 5, and 6 will be omitted in 1904-1905.

7. Railway Transportation, with especial reference to railway problems in the United States. First term: Tuesday, Wednesday, Friday, 11.30.

8. The Trust and Labor Problems. The growth of Monopolies and Trusts; the relations between Capital and Labor; Labor Unions. Second term: Tuesday, Wednesday, Friday, 11.30.

9. Sociology. A study of Theories of Social Progress, with reference to problems of social improvement. Third term: Tuesday, Wednesday, Friday, 11.

Courses 7, 8, and 9 are elective for Juniors and Seniors who have taken Courses 1 and 2 or their equivalent.

[10. History of Economic Theories. Reading and discussion of assigned portions of the works of noted economists, beginning with Adam Smith's "Wealth of Nations." Particular attention will be paid to the economic conditions of periods during which theories have developed. First term.]

Omitted in 1903-1904.

[11. Continuation of Course 10. Second term.]

Omitted in 1903-1904.

[12. Continuation of Course 11. Third term.]

Omitted in 1903-1904.

Courses 10, 11, and 12 are intended to form a continuous year's work. They are elective upon consultation with the instructor for Juniors and Seniors who have taken Courses 1 and 2 or their equivalent.

# Courses of Instruction

## MATHEMATICS

PROFESSOR MOODY ; MR. PEARSON

1. Algebra. A review of selected portions of the preparatory algebra, followed by a study of series and limits, indeterminate equations, undetermined coefficients, binomial theorem, and higher equations. Study of logarithms with applications drawn from plane geometry. First term: Div. A, Tuesday, Wednesday, Thursday, 10.30; Friday, 9.30. Div. B, Tuesday, Wednesday, Thursday, 9.30; Friday, 8.30.

2. Geometry and Trigonometry. Solid geometry with mensuration and original theorems. Plane trigonometry through the solution of right triangles. Second term: Div. A, Tuesday, Wednesday, Thursday, 10.30; Friday, 9.30. Div. B, Tuesday, Wednesday, Thursday, 9.30; Friday, 8.30.

3. Trigonometry. Demonstration of fundamental formulas and proof of exercises drawn therefrom; the theory and use of six-place logarithmic tables; the solution of oblique triangles with problems and applications. Third term: Div. A, Tuesday, Wednesday, Thursday, 10; Friday, 9. Div. B, Tuesday, Wednesday, Thursday, 9; Friday, 8.

Courses 1, 2, and 3 are elective under certain conditions for all Freshmen except those who pass in these subjects at the entrance examinations or who elect Physics during Freshman or Sophomore year (see p. 49). Brief optional courses are given each term respectively, in advanced algebra, mensuration or elementary modern geometry, and surveying.

4. Plane Trigonometry and Analytic Geometry. A brief review of trigonometry, and the completion of Ashton's "Plane Analytic Geometry." First term: Monday, Tuesday, Thursday, 8.30; Saturday, 10.30.

5. Differential Calculus. Byerly's text-book, with additional work in curve tracing and solid analytic geometry. Second term: Monday, Tuesday, Thursday, 8.30; Saturday, 10.30.

6. Calculus. Text-book completed and work extended to include double and triple integrals for surfaces and volumes. Third term: Monday, Tuesday, Thursday, 8; Saturday, 10.

Courses 4, 5, and 6 are elective for those who have taken Courses 1, 2, and 3 or an equivalent.

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[7, 8, and 9. Integral Calculus and Elliptic Functions. Byerly's "Integral Calculus," with lectures and collateral reading. First, second, and third terms.]

Omitted in 1903-1904.

10, 11, and 12. Modern Methods in Pure and Analytic Geometry. First, second, and third terms. Three hours, at the convenience of instructor and students.

Courses 10, 11, and 12 form a consecutive course throughout the year, and are given in alternation with Courses 7, 8, and 9. They are elective for those who have taken Courses 1 to 6 inclusive or their equivalents.

## PHYSICS AND ASTRONOMY

### PHYSICS

PROFESSOR HUTCHINS; MR. PEARSON

1. Mechanics and Heat. Lectures and laboratory work, with some book of college grade for reference and discussion. First term: Monday, Friday, 10.30 to 12.30; Tuesday, Thursday, 10.30.

2. Sound and Electricity. Lectures and laboratory work as above. Second term: Monday, Friday, 10.30 to 12.30; Tuesday, Thursday, 10.30.

3. Finish Electricity and Light. Lectures and laboratory work as above. Third term: Monday, Friday, 10 to 12; Tuesday, Thursday, 10.

PROFESSOR HUTCHINS.

Courses 1, 2, and 3 are elective for Sophomores, Juniors, and Seniors and for Freshmen entering without Greek. (See p. 49.)

4. Mechanics. Theory and laboratory work. First half term: Electricity and Magnetism. Thompson's "Electricity," 2d part, and laboratory work. Second half term: Monday, Tuesday, Thursday, Friday, 1.30.

5. Electricity and Magnetism, continued. Heat. Maxwell's "Theory of Heat" and laboratory work. Second term: Monday, Tuesday, Thursday, Friday, 1.30.

6. Light. Preston's "Theory of Light," and laboratory work. Third term: Monday, Tuesday, Thursday, Friday, 1.30.

## Courses of Instruction

7. Alternating Current Electricity. Problems and Reading. Franklin & Williamson's "Elements of Alternating Currents." First term: Monday, 9.30; Thursday, 3.30. MR. PEARSON.

Courses 4, 5, and 6 are elective upon consultation with the instructor to Juniors and Seniors who have taken Courses 1, 2, and 3. Course 7 is elective for Juniors and Seniors who have taken course 4 and are familiar with elementary calculus.

### ASTRONOMY

PROFESSOR HUTCHINS

1, 2, and 3. Young's "Manual of Astronomy" and other reading. Observatory practice: Instruments used in navigation, transit, equatorial, etc. Reduction of observation and problems in practical astronomy. Monday, Tuesday, Thursday, Friday at 2.30 throughout the year.

Astronomy 1, 2, and 3 are elective for Sophomores, Juniors, and Seniors.

### CHEMISTRY AND MINERALOGY

PROFESSOR ROBINSON

#### CHEMISTRY

1. General Chemistry. Lectures and laboratory work. Six hours per week. First term: Monday, Friday, 10.30 to 12.30; Tuesday, Thursday, 10.30.

Elective for Juniors, Seniors, and, in special cases, for Sophomores and Special Students.

2. General Chemistry. Continuation of Course 1. Six hours per week. Second term: Monday, Friday, 10.30 to 12.30; Tuesday, Thursday, 10.30.

Elective for those who have taken Course 1.

3. Chemical Preparations. Mainly laboratory work. Six hours per week. Third term: Monday, Friday, 10 to 12; Tuesday, Thursday, 10.

Elective for those who have taken Courses 1 and 2.

4. Qualitative Analysis. Lectures and laboratory work. Six hours per week. First term: Monday, Tuesday, Friday, 2.30 to 4.30.

Elective for those qualified by previous courses.

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5. Quantitative Analysis. Lectures and laboratory work. Six hours per week. Second term: Monday, Tuesday, Friday, 2.30 to 4.30.

Elective for those qualified.

6. Organic Chemistry. Lectures and laboratory work. Six hours per week. Third term: Monday, Tuesday, Friday, 2.30 to 4.30.

Elective for those who intend to study medicine, and who are qualified by previous courses.

7. Industrial Chemistry. Lectures and laboratory work. The chemistry of industrial processes; assaying; and sanitary chemistry. Six hours per week. Third term: Monday, Tuesday, Friday, 2.30 to 4.30.

Elective for those qualified.

## MINERALOGY

1. Descriptive Mineralogy. Common minerals, and methods of knowing them. Third term: Monday, Friday, 10 to 12; Tuesday, Thursday, 10.

Elective for those who have taken Chemistry I, and for other qualified Juniors and Seniors.

2. Determinative Mineralogy and Metallurgy. Mineralogy of the useful metals and their ores. Third term: Monday, Tuesday, Friday, 2.30 to 4.30.

Elective for those who have taken Course I.

## BIOLOGY AND GEOLOGY

PROFESSOR LEE

### BIOLOGY

1. Botany. Leavitt's "Outlines." Third term: Wednesday, Friday, Saturday, 10 to 12.

Elective for Sophomores.

2. Zoölogy. Kellogg's "Elementary Zoölogy." First term: Monday, Tuesday, Thursday, Friday, 1.30 to 3.30.

Elective for Juniors and Seniors.



## Courses of Instruction

3. Zoölogy. Kellogg's "Elementary Zoölogy." Second term: Monday, Tuesday, Thursday, Friday, 1.30 to 3.30.

Elective for those who have taken Course 2.

4. Physiology. Huxley's "Physiology." Third term: Monday, Tuesday, Thursday, Friday, 1.30 to 3.30.

Elective for those who have taken Courses 2 and 3. Courses 2, 3, and 4 form a continuous course in animal biology, from unicellular organisms to man.

5. Histology. Szymonowicz's "Histology." First term: Monday, Tuesday, Thursday, Friday, 10.30 to 12.30.

Elective for Juniors and Seniors who have taken Courses 2, 3, and 4.

6. Anatomy. Lectures and Laboratory Work. Second term: Monday, Tuesday, Thursday, Friday, 10.30 to 12.30.

Elective for those who have taken Course 5.

7. Anatomy. Lectures and Laboratory Work. Third term: Monday, Tuesday, Thursday, Friday, 10 to 12.

Elective for those who have taken Courses 5 and 6. Courses 5, 6, and 7 include laboratory work in Comparative Anatomy, Histology, and Physiology, preparatory to the study of medicine.

## GEOLOGY

1. Geology. Gilbert and Brigham's "Physical Geography." First term: Wednesday, Friday, Saturday, 10.30 to 12.30.

Elective for Sophomores.

2. Geology. Brigham's "Geology." Second term: Wednesday, Friday, Saturday, 10.30 to 12.30.

Elective for those who have taken Course 1.

## HYGIENE AND PHYSICAL TRAINING

DR. WHITTIER

### HYGIENE.

Lectures on Human Anatomy, Physiology, and Personal Hygiene. First term: Thursday, 11.30.

Required of Freshmen.

# Bowdoin College

The Director of the Gymnasium gives each student a thorough medical and physical examination. From the measurements and strength tests taken a chart is made out for each student, showing his size, strength, and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. At the same time the student receives a hand-book containing the exercises prescribed for the purpose of correcting the physical defects shown by his chart, with specific directions in regard to diet and bathing.

## PHYSICAL TRAINING

1. Class exercises : military drill, setting-up drill, and Indian-club swinging. Squad exercises (graded to suit the strength of each squad) : indoor athletics, chest weights, and heavy gymnastics. Second term: Monday, Thursday, Friday, 11.30.

Required of Freshmen.

2. Class exercises : dumb-bells and boxing. Squad exercises : indoor athletics and wrestling. Second term: Tuesday, Wednesday, Friday, 3.30.

Required of Sophomores.

3. Class exercises : fencing with single-sticks and with broad-swords. Squad exercise : indoor athletics. Second term: Tuesday, Friday, 4.30; Thursday, 3.30.

Required of Juniors.

4. Class exercise : fencing with foils. Squad exercise : indoor athletics. Second term: Monday, Wednesday, Friday, 4.30.

Required of Seniors.

## COURSES IN THE MEDICAL SCHOOL

By vote of the Faculty, the work in Anatomy, Physiology, and Chemistry, in the first year of the course in the Medical School, is accepted in place of the four courses of the last two terms of Senior year.

Students intending to avail themselves of this privilege are required to register their choice with the Registrar not later than December 1.

## **Administration of the College**

### **DEGREES**

The degree of Bachelor of Arts is conferred by the Boards of Trustees and Overseers, on recommendation of the Faculty, upon those students in regular standing who have duly completed the academic course prescribed by the regulations of the government of the college.

The degree of Master of Arts is conferred upon those graduates of the college who, after taking the Bachelor's degree, complete an approved course of advanced study. The requirements for the degree of Master of Arts consists of a full year's residence devoted to such advanced study under the guidance of one or more members of the college Faculty, and a written and oral examination at the completion of this work.

### **GOVERNMENT**

In all matters pertaining to the good order of the college, and the relations of the students to one another, the students govern themselves through a Jury.

The Jury consist of undergraduate students in good and regular standing, chosen as follows : each of the four classes elects one member ; each chartered chapter of an intercollegiate fraternity of three or more years' standing in the college elects one member ; and all who do not belong to any such fraternity elect one member.

The Jury have absolute and final jurisdiction over all cases of public disorder and all offences committed by students against each other. The Faculty have jurisdiction over conduct during college exercises, conduct toward college officers, damage to college buildings, and all matters of personal morality which affect primarily the character and reputation of individual students.

# Bowdoin College

The following are the members of the Jury for 1903-1904:

George Colby Purington, Jr. (A. Δ. Φ.), *Foreman*

Merton Asa McRae (1904), *Secretary*

T. Woodman Cunningham (Z. Ψ.)	Wilbur Garfield Roberts (Ψ. Υ.)
Galen Wentworth Hill (K. Σ.)	Ralph Stanley Smith (Δ. Υ.)
Herbert Staples Hill (non. Soc.)	Edwin La F. Harvey (Θ. Δ. Χ.)
George Everett Kimball (Δ. K. E.)	Donald Cameron White (1905)
George Dudley Martin (B. Θ. Π.)	Charles Joseph Hicks (1906)
Philips Kimball (1907)	

## ATHLETIC COUNCIL

The active regulation of the athletic interests of the college is represented by the Athletic Council of the general Athletic Association of Bowdoin College. It consists of twelve members, two of whom are chosen from the Faculty of the college, and five each from the Alumni and Student bodies. The members for the year 1903-1904 are as follows:

### *Alumni*

Charles Taylor Hawes, *Chairman*  
Franklin Conant Payson  
Henry Asa Wing  
Roland William Mann  
Barrett Potter

### *Students*

Samuel Trask Dana (1904)  
William Thomas Rowe (1904)  
Charles Bayley Cook (1905)  
Wallace Copeland Philoon (1905)  
Phillip Freeland Chapman (1906)

### *Faculty*

Professor William Albion Moody  
Dr. Frank Nathaniel Whittier

## RELIGIOUS EXERCISES

All students are required to attend devotional exercises, consisting of the reading of Scripture, singing, and prayer, held in the College Chapel every week-day morning, and a brief service, including an address by the President, on Sunday afternoon. Every student is also expected to attend the exercises of public worship on the Sabbath at one of the churches in Brunswick.

# Administration of the College

Prayer-meetings, under the direction of the Young Men's Christian Association, a religious organization of the students, are held on Thursday evenings, and other meetings on Sunday, to which all members of the college are cordially invited.

## TERMS AND VACATIONS

The Academic Year is divided into three terms,—a Fall term of thirteen weeks, a Winter term of fourteen weeks, and a Spring term of ten weeks. The holiday vacation of one week follows the first term, the Spring recess of a week follows the second term, and the Summer vacation of thirteen weeks follows Commencement Day. Commencement Day is the fourth Thursday of June.

## RANK

The rank of a student in each course is determined by a combination of marks given (1) for attendance at required exercises, and (2) for quality of work done. Attendance rank is averaged on a scale of *six*. Credit for work performed is averaged on a scale of *ten*. This method of computation permits a maximum average term rank of *eight*. It is this rank that is made the basis of awards and conditions.

## EXAMINATIONS

The regular examinations of the college are held at the close of each term.

A student who fails to pass any of the regular examinations is conditioned, and will be subject to the following regulations :

1. If the course in which the condition was incurred was a *required* course, the condition must be made up by taking the course over again; except as provided in Article 3 below.

2. If the course was *elective*, the condition may be made up either (1) by taking the course over again in case it is repeated within one year, and provided there is no conflict of hours, or (2) by substituting another elective in its place.

3. Any student may make up a condition in either a required or an elective course under the direction of a private tutor with the consent

# Bowdoin College

of the Recorder and the instructor concerned. In each instance the tutor will be required to certify that the work of the course has been satisfactorily completed to entitle the student to re-examination.

4. Examinations in work to make up conditions may be taken only during the time of the regular term examinations.

5. All conditions must be made up within one year of the time of their being incurred.

## REPORTS OF STANDING

A report of the rank of each student is sent to the parent or guardian at the close of each term. The report contains a statement of the standing of the student in each of his courses, together with the number of unexcused absences from church and chapel.

Rank is computed according to the method described above; it is preserved on the college records, and reported to the parent or guardian, in the letters A, B, C, D, and E. The maximum average term rank is 8, and A signifies a rank of 7.5 or over; B, a rank not lower than 7 nor higher than 7.4; C, a rank not lower than 6 nor higher than 6.9; D, a rank not lower than 5.5 nor higher than 5.9; and E, a rank lower than 5.5 and a condition.

## ABSENCES

In case a student, for any reason, wishes to be absent from college for one week or longer, he is required to obtain previous permission from the Faculty, when possible. If it be impossible to make petition before leaving, the Faculty should be notified as early as possible, through the Class Officer.

## MEDICAL ATTENDANCE

A fund of \$1,000, given by Mr. and Mrs. GEORGE F. GODFREY of Bangor, in memory of their son, HENRY PRENTISS GODFREY, is devoted to providing medical attendance for students who may be sick while in college.

## Scholarships

The income of over One Hundred and Twenty-five Thousand Dollars is devoted to scholarships and prizes in aid of meritorious students of slender means.

Applications for scholarships must be made upon blank forms furnished at the office of the Treasurer of the college. They must be made out anew each year; signed by both the student and his parent or guardian; and deposited in the Treasurer's office before November 1.

**BROWN MEMORIAL SCHOLARSHIPS.** A fund for the support of four scholarships in Bowdoin College, given by Hon. J. B. BROWN of Portland, in memory of his son, JAMES OLCOTT BROWN, A.M., of the Class of 1856.

According to the provisions of this foundation, there will be paid annually the income of one thousand dollars to the best scholar in each undergraduate class who shall have graduated at the High School in Portland after having been a member thereof not less than one year.

**SHEPLEY SCHOLARSHIP.** A fund of \$1,000, given by Hon. ETHER SHEPLEY, LL.D., of Portland, late Chief Justice of the Supreme Court of Maine.

**MARY L. SAVAGE MEMORIAL SCHOLARSHIP.** A scholarship of \$1,000, founded by Rev. WILLIAM T. SAVAGE, D.D., of Quincy, Ill., in memory of his wife, MARY L. SAVAGE.

**BENJAMIN DELANO SCHOLARSHIP.** A scholarship of \$1,000, bequeathed by Captain BENJAMIN DELANO of Bath.

**AND EMERSON SCHOLARSHIPS.** A fund amounting at present to \$7,000, given by AND EMERSON, Esq., of Boston, through Rev. Dr. E. B. WEBB.

**STEPHEN SEWALL SCHOLARSHIP.** A scholarship of \$1,000, given by Deacon STEPHEN SEWALL of Winthrop.



## Bowdoin College

The income of the preceding five scholarships is to be appropriated for the aid of students preparing to enter the ministry of the Evangelical Trinitarian churches.

JOHN C. DODGE SCHOLARSHIP. A fund of \$1,000, given by Hon. JOHN C. DODGE, LL.D.

ALFRED JOHNSON SCHOLARSHIPS. Three scholarships of \$1,000 each, founded by ALFRED WALDO JOHNSON of Belfast, of the Class of 1845 in memory of his grandfather, Rev. ALFRED JOHNSON, and of his father, Hon. ALFRED JOHNSON.

WILLIAM B. SEWALL SCHOLARSHIP. A scholarship of \$1,000, founded by Mrs. MARIA M. SEWALL, in memory of her husband, WILLIAM B. SEWALL, Esq.

MARY CLEAVES SCHOLARSHIPS. Three scholarships of \$1,000 each, founded by the will of Miss MARY CLEAVES.

CRAM MEMORIAL SCHOLARSHIP. A scholarship of \$1,000, founded by Hon. MARSHALL CRAM of Brunswick, in memory of his son, NELSON PERLEY CRAM, of the Class of 1861, who lost his life in the service of his country.

JAMES MEANS SCHOLARSHIP. A scholarship of \$2,000, given by WILLIAM G. MEANS, Esq., of Andover, Mass., in memory of his brother, Rev. JAMES MEANS, of the Class of 1833, who died in the service of his country.

CHARLES DUMMER SCHOLARSHIPS. A fund of \$6,000, given by Mrs. ALMIRA C. DUMMER, in memory of her husband, CHARLES DUMMER, A.M., who was for many years a member of the Board of Overseers.

W. W. THOMAS SCHOLARSHIPS. Six scholarships of \$1,000 each, founded by Hon. W. W. THOMAS of Portland, to be awarded under certain conditions.

BUXTON SCHOLARSHIP. A fund at present amounting to \$3,500, contributed by CYRUS WOODMAN, Esq., of Cambridge, Mass., in aid of deserving students, preference being given to natives and residents of Buxton.

PIERCE SCHOLARSHIP. A scholarship of \$1,000, bequeathed by Mrs. LYDIA PIERCE of Brunswick, in memory of her son, ELIAS D. PIERCE.

## Scholarships

**BLAKE MEMORIAL SCHOLARSHIPS.** A fund of \$4,000, bequeathed by Mrs. NOAH WOODS of Bangor, in memory of her son, WILLIAM A. BLAKE, of the Class of 1873.

**HULDAH WHITMORE SCHOLARSHIPS.** Two scholarships of \$2,500 each, given by Hon. WILLIAM GRISWOLD BARROWS, LL.D., of Brunswick, in memory of his wife, to be awarded by the President under certain conditions.

**NATHANIEL MCLELLAN WHITMORE SCHOLARSHIP AND GEORGE SIDNEY WHITMORE SCHOLARSHIP.** Two scholarships of \$1,000 each, given by Mrs. MARY J. WHITMORE, in memory of her sons, NATHANIEL MCLELLAN WHITMORE, of the Class of 1854, and GEORGE SIDNEY WHITMORE, of the Class of 1856.

**GEORGE FRANKLIN BOURNE SCHOLARSHIP.** A scholarship of \$1,000, given by Mrs. NARCISSA SEWALL BOURNE, of Winthrop.

**LOCKWOOD SCHOLARSHIP.** A scholarship of \$1,000, established by Mrs. Sarah F. Lockwood in memory of Hon. AMOS DEFOREST LOCKWOOD, a former treasurer of the college.

**WILLIAM LITTLE GERRISH SCHOLARSHIP.** A scholarship of \$1,000, given by Dr. F. H. GERRISH, in memory of his brother, WILLIAM LITTLE GERRISH, of the Class of 1864.

**LAWRENCE SCHOLARSHIPS.** A fund of \$6,000, given by Mrs. AMOS LAWRENCE of Massachusetts, the income to be annually appropriated for the whole or a part of the tuition of meritorious students who may need pecuniary assistance, preference being given to those who shall enter the college from Lawrence Academy, at Groton, Mass.

**G. W. FIELD SCHOLARSHIPS.** Two scholarships of \$2,000 each, given by Rev. GEORGE W. FIELD, D.D., of Bangor, of the Class of 1837. In awarding the scholarships, preference is to be given, first, to students or graduates of the Bangor Theological Seminary, and second, to graduates of the Bangor High School.

**JUSTUS CHARLES FUND.** A fund established by the will of JUSTUS CHARLES of Fryeburg, for such indigent students as, in the opinion of the President, are most meritorious, deserving, and needy.

**MOSES R. LUDWIG AND ALBERT F. THOMAS SCHOLARSHIP.** Founded by Mrs. HANNAH C. LUDWIG of Thomaston.

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JOSEPH N. FISKE SCHOLARSHIP. A scholarship of \$1,000, given by Mrs. CHARLOTTE M. FISKE, of Boston, in memory of her husband.

CROSBY STUART NOYES SCHOLARSHIPS. Two scholarships of \$2,000 each, established by CROSBY S. NOYES, A.M., of Washington, D. C. In awarding these, preference is to be given to natives or residents of Minot.

HENRY T. CHEEVER SCHOLARSHIP. A scholarship of \$500, given by Rev. HENRY T. CHEEVER, D.D., of Worcester, Mass., to be awarded by the President under certain conditions.

MOSES M. BUTLER SCHOLARSHIPS. A fund of \$10,000 given by Mrs. OLIVE M. BUTLER, of Portland, in memory of her husband, MOSES M. BUTLER, of the Class of 1845, to establish four scholarships.

STANWOOD ALEXANDER SCHOLARSHIP. A scholarship of \$2,500, given by Hon. D. S. ALEXANDER, of Buffalo, N. Y., Class of 1870, in memory of his father, STANWOOD ALEXANDER, of Richmond, Maine, to be awarded under certain conditions.

JOSEPH LAMBERT FUND. Bequest of \$1,000 by Mrs. ANN E. LAMBERT, of Jamaica Plain, Mass.

JOHN PRESCOTT WEBBER, Jr., SCHOLARSHIP. \$2,500, given by JOHN P. WEBBER, Esq., of Boston, Mass., in memory of his son, JOHN PRESCOTT WEBBER, Jr., of the Class of 1903.

ELLEN J. WHITMORE SCHOLARSHIP. A scholarship of \$2,000, given by Miss ELLEN J. WHITMORE, of Brunswick.

CYRUS WOODMAN SCHOLARSHIPS. \$3,000 given by Miss MARY WOODMAN, of Cambridge, Mass., to establish one or more scholarships in memory of her father.

FRED WHITNEY FLOOD SCHOLARSHIP. The sum of \$100 is given each year by LOUIS CLINTON HATCH, of Bangor, of the Class of 1895, as a scholarship in memory of his college-mate, FRED WHITNEY FLOOD.

GARCELON and MERRITT FUND. The sum of \$500 from the income of the GARCELON and MERRITT FUND is appropriated for the aid of worthy students.

## Prizes

**WILLIAM LAW SYMONDS SCHOLARSHIP.** A fund of \$3,000, founded by his family in memory of WILLIAM LAW SYMONDS, of the Class of 1854; the income to be applied by the Faculty in aid of Bowdoin students, preference to be given to those showing tendency to excellence in Literature.

**CLASS OF 1872 SCHOLARSHIP.** A fund of \$2,500 given by the Class of 1872.

**CHARLES M. CUMSTON SCHOLARSHIP.** A fund of \$2,000 given by Charles McLaughlin Cumston, LL D., of the Class of 1843, the income to be given preferably to a graduate of the English High School of Boston.

**CYRUS WOODMAN TRUST FUND.** A fund, now amounting to \$32,000, established by Cyrus Woodman, Esq., of the Class of 1836, one-half of the income of which is appropriated for scholarships.

**CHARLES CARROLL EVERETT SCHOLARSHIP.** Certain real estate in Brunswick, in trust, the net income of which is given to that graduate of Bowdoin College whom the President and Trustees shall deem the best qualified to take a post-graduate course in either this or some other country.

**ALBION HOWE MEMORIAL LOAN FUND.** A sum of \$1,000, given by Lucian Howe, M.D., of Buffalo, N. Y., for the establishment of a loan fund in memory of his brother Albion Howe, of the Class of 1861.

## Prizes

**SMYTH MATHEMATICAL PRIZE.** A fund of \$5,000, the gift of HENRY J. FURBER, Esq., of Chicago, named by him in honor of PROFESSOR WILLIAM SMYTH. From the present income of the fund \$300 is given to that student in each Sophomore Class who obtains the highest rank in the mathematical studies of the first two years. The rank is determined mainly by the daily recitations; but the Faculty may at their discretion order a special examination, the result of which will be combined with the recitation rank. The successful candidate receives \$100 at the time the award is made. The remaining \$200 is paid to him in instalments at the close of each term during Junior and Senior years. If a vacancy occurs during those years, the

## Bowdoin College

next in rank secures the benefit of the prize for the remainder of the time.

**DAVID SEWALL PREMIUM.** Prizes amounting to Ten Dollars are awarded to members of the Sophomore Class for excellence in Oratory at their annual Prize Declamation.

**BROWN COMPOSITION PRIZES.** Two prizes, one of Thirty Dollars and one of Twenty Dollars, established by Mr. PHILIP G. BROWN, of the Class of 1877, in memory of PHILIP HENRY BROWN, Esq., of Portland, of the Class of 1851, are offered to the Senior Class for excellence in Extemporaneous English Composition.

**SEWALL GREEK PRIZE.** A prize of Twenty-five Dollars, given by Professor JOTHAM BRADBURY SEWALL, of Boston, of the Class of 1848, formerly Professor of Greek in the college, is awarded to the member of the Sophomore Class who sustains the best examination in Greek.

**SEWALL LATIN PRIZE.** A prize of Twenty-five Dollars, also given by Professor SEWALL, is awarded to the member of the Sophomore Class who sustains the best examination in Latin.

**GOODWIN COMMENCEMENT PRIZE.** A prize of Fifty Dollars, given by Rev. Dr. DANIEL RAYNES GOODWIN, of Philadelphia, of the Class of 1832, is awarded each year to the author of the best Commencement Part.

**CLASS OF 1868 PRIZE.** A prize of Forty Dollars, contributed by the Class of 1868, is given annually to the author of the best written and spoken oration in the Senior Class.

**PRAY ENGLISH PRIZE.** A prize of Fifty Dollars, given by Dr. THOMAS J. W. PRAY, of Dover, N. H., of the Class of 1844, is awarded each year to the best scholar in English Literature and original English Composition.

**GOODWIN FRENCH PRIZE.** A prize of Twenty-five Dollars, given by Rev. Dr. DANIEL RAYNES GOODWIN, is awarded annually to the best scholar in French.

**NOYES POLITICAL ECONOMY PRIZE.** This prize, consisting of the annual income of one thousand dollars, was established by CROSBY STUART NOYES, A.M., and is awarded to the best scholar in Political Economy.

## Prizes

CLASS OF 1875 PRIZE IN AMERICAN HISTORY. This prize, consisting of the annual income of three thousand dollars, was established by WILLIAM J. CURTIS, of New York City, of the Class of 1875, and will be awarded to the student who writes the best essay and passes the best examination on some assigned subject in American History.

SPECIAL PRIZE IN ENGLISH HISTORY. This prize, of the value of \$50, has been offered anonymously for the year 1903-1904, and will be awarded to the student who writes the best essay on some assigned subject in English History.

BRADBURY DEBATING PRIZES. Prizes amounting to \$60, given by Hon. JAMES WARE BRADBURY, LL.D., of the Class of 1825, are awarded each year to members of the Junior and Senior Classes for excellence in debating.

HAWTHORNE PRIZE. A prize of \$40, given by Mrs. GEORGE C. RIGGS (Kate Douglas Wiggin), of New York, is awarded each year to the author of the best short story. The competition is open to members of the Sophomore, Junior, and Senior Classes.

## College Expenses

Term bills, containing college charges, are mailed to the parent or guardian of each student at the close of each term, and become payable at once. No degrees are conferred upon students who have not paid their dues to the college.

The following table exhibits three scales of annual expenditure, omitting clothing, washing, travelling expenses, and board during the vacations.

	Lowest.	Average.	Liberal.
Tuition . . . . .	\$75 00	\$75 00	\$75 00
Incidental college charges . . . . .	8 00	15 00	25 00
Room rent (two persons sharing one room) . . . . .	*25 00	35 00	45 00
Heating and lighting (two persons sharing one room) . . . . .	15 00	25 00	30 00
Furniture (two persons sharing one room) . . . . .		15 00	25 00
Board, thirty-six weeks . . . . .	108 00	135 00	180 00
Books and stationery . . . . .	11 00	20 00	40 00
Class dues, societies, subscriptions, etc. . . . .	8 00	20 00	40 00
	<hr/>	<hr/>	<hr/>
	\$250 00	\$340 00	\$460 00

\* The item of heating is included in the rental of all college rooms.

The rent of college rooms in Appleton, Maine, and Winthrop Halls, including heat, is as follows :

Rooms on first and third floors . . . . .	\$102 00
Rooms on second floor . . . . .	108 00
Rooms on fourth floor . . . . .	72 00

Except Nos. 1, 17, and 18 Winthrop Hall, which rent for \$96, and No. 4, which rents for \$120.



## The College Buildings

There are eleven college buildings. The spacious campus, of about forty acres, upon which they are grouped is within five minutes' walk of the railroad station, one mile from the Androscoggin River with its picturesque falls, and about three miles from the shores of Casco Bay. A central heating and lighting plant supplies steam heat and electric light to all the buildings, which are also connected with the water and sewerage systems of the town.

### MASSACHUSETTS HALL

This hall, named for the mother state from which the college derives its charter, was the first building erected for the uses of the college. On the first floor are the offices of the treasurer of the college, and a lecture room in which are the quaint old colonial fireplace and oven as used for a time by the family of the first president.

The second and third floors have been thrown together and converted into a cabinet of natural history through the liberality of the late Peleg Whitman Chandler, of the Class of 1834, and named the Cleaveland Cabinet, in memory of Professor Parker Cleaveland. It contains, besides other collections, the mineralogical collection which has the special interest of having been the basis of Professor Cleaveland's "Treatise on Mineralogy and Geology," the first systematic treatise on mineralogy published in this country.

### THE DORMITORIES

There are three dormitories, of brick and stone, each one hundred feet by forty, and four stories in height. In the order of their erection they are Maine Hall, named for the District (now the State) of Maine; Winthrop Hall, named in honor of Governor John Winthrop of the Massachusetts Bay Colony; and Appleton Hall, named in honor of President Jesse Appleton, the second president of the college. Each of these dormitories contains thirty-two *suites*, consisting of a sitting-room or study, a bedroom, and an ample closet. The rooms are heated and lighted with steam and electricity from the central station, and the dormitories are supplied with water from the town system, and provided with toilet rooms.

# Bowdoin College

## KING CHAPEL

The chapel, built of undressed granite, and named in honor of Governor William King, the first Governor of Maine, is a Romanesque Church, the façade of which is marked by twin towers and spires which rise to the height of one hundred and twenty feet. The aisles and chancel are shut off from the nave by partition walls, and contain the college library of seventy thousand volumes. The nave is the chapel proper, in which are held the daily religious exercises of the college. There is a broad central aisle, from either side of which rise the ranges of seats after the manner of a cathedral choir. The platform, with the reading-desk, occupies the entire width of the chapel at its eastern end, and behind it rises the rood-screen of carved and panelled walnut, surmounted by a rood-gallery affording entrance to an upper room in the chancel; and through this entrance is seen, from the chapel below, an oriel window. From the walnut wainscoting on the sides of the chapel to the clerestory windows an unbroken wall, more than thirty feet in height, is divided by decorative frescoes into large panels in which are mural paintings—the gifts of individuals and of college classes—representing the Annunciation, the Adoration, the Baptism, and the Ascension, Paul preaching at Mars Hill, the Healing at the Beautiful Gate, St. Michael and the Dragon, Adam and Eve after the Transgression, and the Giving of the Law. A decorated ceiling which is carried up into the roof has a blue ground overlaid with golden stars. The music gallery is over the entrance to the chapel, between the two towers, and contains an organ which was a gift to the college from Oliver Crocker Stevens, of the Class of 1876, and Mrs. Stevens.

## MEMORIAL HALL

This building, erected by the contributions of alumni and friends, is a memorial to the graduates and students of the college who served in the Union army or navy during the Civil War. It is a granite structure in the French-Gothic style of architecture. On the first floor are four recitation rooms, and the office of the Registrar. The memorial hall proper occupies the whole of the second floor, and is a spacious audience room used for exhibitions and other public exercises. Aside from its architectural and decorative finish, it is notably adorned with busts and portraits of presidents, professors, benefactors, and distinguished graduates of the college. The names and military

## The College Buildings

rank of two hundred and ninety Bowdoin men who fought to maintain the Union are inscribed on bronze tablets, the gift of Thomas Hamlin Hubbard, of the Class of 1857.

### MARY FRANCES SEARLES SCIENCE BUILDING

This building was a gift to the college from Mr. Edward F. Searles, in memory of his wife, whose name it bears. It is built of Perth Amboy brick, with trimmings of Ohio stone, and is practically fire-proof. It is of the Elizabethan style of architecture, one hundred and eighty feet in length, and, with its two wings, one hundred and five feet in depth. It is three stories in height, with a high, well-lighted basement, and contains the college clock, which strikes the hours and half-hours. It is designed for the use of the three departments of chemistry, physics, and biology, and contains both large and small laboratories for each of these departments, with lecture rooms, offices, store rooms, cabinets, a work room for the manufacture of apparatus, a conservatory for plants, etc. It is fitted with all the devices and conveniences which experience has found to be desirable, and is fully adapted to the uses for which it was designed.

### WALKER ART BUILDING

This building, designed for the exhibition of the art treasures of the college, — except the portraits and busts in Memorial Hall and the mural paintings in King Chapel, — was erected by the Misses Harriet and Sophia Walker, of Waltham, Massachusetts, as a memorial of their uncle, the late Theophilus Wheeler Walker. It is one hundred feet in length by seventy-three in depth, and is surrounded on three sides by a brick-paved terrace, about twenty-five feet in breadth, with granite supporting walls and parapets. The materials used in the building are Freeport granite, Indiana limestone, and brick.

The main entrance consists of a loggia, in front of which, and supporting the wall above, are six Ionic columns of stone. Niches in the front wall of the building on either side of the loggia contain bronze copies, by De Angelis of Naples, of the classical statues of Demosthenes and Sophocles. Pedestals on either side of the ascent to the loggia are surmounted by copies in stone of the lions of the Loggia dei Lanzi.

The entrance from the loggia is to the Sculpture Hall, occupying the central portion of the building, beneath a dome which rises to the height of forty-seven feet, and furnishes light to the apartment

## Bowdoin College

through a skylight at the top. The four tympana below the dome, each twenty-six feet in width, are filled with four paintings symbolizing the artistic achievements of Athens, Rome, Florence, and Venice, executed by Messrs. John La Farge, Elihu Vedder, Abbott Thayer, and Kenyon Cox, respectively. Casts of classical figures and groups of statuary are exhibited in this room.

The Bowdoin, Boyd, and Sophia Wheeler Walker Galleries are entered from three sides of the Sculpture Hall. The Bowdoin Gallery contains chiefly the collection of about one hundred paintings, and one hundred and fifty original drawings by old and modern masters bequeathed to the college by Honorable James Bowdoin. The Boyd Gallery contains the collection of paintings bequeathed by Colonel George W. Boyd, of the Class of 1810, with others of later acquisition, a collection of Japanese and Chinese works of art, loaned by Professor William A. Houghton, the Virginia Dox collection of objects of native American art, and collections given or loaned by Mr. George W. Hammond, Mrs. Levi C. Wade, Mr. Harold M. Sewall, Dana Estes, and other friends of the college. The Sophia Wheeler Walker Gallery contains specimens of ancient glass, Roman sculpture, old Flemish tapestry, Oriental ivory carvings, miniatures, etc., with paintings and drawings by modern artists of the foremost rank, and a bronze relief portrait, by French, of Theophilus Wheeler Walker, — all given by the Misses Walker.

The galleries are finished in oak, and are lighted from above through large skylights. In the basement are a lecture room, a room of Assyrian sculpture, curator's and students' rooms, lavatory, etc. The building is open to visitors about five hours daily.

### HUBBARD HALL

The recently erected library building affords convenient and adequate accommodation for the College Library, and for its prospective growth, with reading and consultation rooms, lecture and conference rooms, administrative offices, etc. It is a gift to the college from General Thomas Hamlin Hubbard, of the Class of 1857, and his wife, Mrs. Sibyl Fahnestock Hubbard. It is about one hundred and seventy feet in length, and fifty feet in depth, with a wing in the rear, for a stack room, eighty-eight feet by forty-six. It is entirely fire-proof, the materials used in its construction being granite, Indiana limestone, brick, iron, and steel. It is of the seventeenth-century Gothic architecture, with the main entrance through a central

## The College Buildings

projecting tower, the façade being still further broken by semi-circular projections at the ends. It is situated at the southern end of the campus, fronting towards Massachusetts and Memorial Halls, and, with the buildings already mentioned, completes the campus quadrangle.

### ADAMS HALL

This hall is occupied chiefly by recitation and lecture rooms. It is built of brick, with stone trimmings, is about one hundred feet by fifty, and three stories in height. It is named in honor of the late Seth Adams of Boston, who contributed generously toward its erection. On the first floor are two recitation rooms assigned to the uses of the academical department; the second and third floors are devoted exclusively to the medical department, and contain a lecture room, an amphitheatre, a dissecting room, a room for the Seavey Anatomical Museum, a reference medical library, with ante-rooms and a registrar's office.

### THE OBSERVATORY

The Astronomical Observatory, for which the college is largely indebted to the late John J. Taylor of Fairbury, Illinois, was mainly designed for purposes of instruction. Although the smallest of the college buildings, great care was exercised in its construction, and it is supplied with a telescope mounted in a revolving turret, a transit instrument, and the usual accessories for meridian observations.

### THE SARGENT GYMNASIUM

The gymnasium, erected in 1885, is named in honor of Dr. Dudley Allen Sargent, of the Class of 1875, the first director under the system of required physical exercise. It is supplied with the most approved apparatus for gymnastic instruction, the gift of Dr. Sargent, and is provided with bath rooms and individual lockers. A part of the basement of this building and an extension in the rear are used as a central station for generating steam heat and electricity for the heating and lighting of all the college buildings.

A straight path through the pine grove in the rear of the campus leads from the gymnasium a short distance to the Whittier Athletic Field. This field, named in honor of Dr. Frank Nathaniel Whittier, the present director of the gymnasium, who was largely instrumental in the acquisition and preparation of it for athletic purposes, is about five acres in extent, and is well adapted, in all respects, for baseball, football, and track athletics.



# Bowdoin College

## The Library

The Library contains seventy-six thousand volumes and several hundred unbound pamphlets. It includes the private library of Hon. James Bowdoin, received after his death in 1811, the library of the Medical School of Maine, established in 1820, the extensive collections of the Peucinian and Athenæan Societies, added in 1880, and valued donations received from numerous institutions and individuals during the century of its existence. A large proportion of its contents, however, has been purchased within the last two decades with a view to aid the work of instruction by supplying both teachers and students with the best books and the leading periodicals in the various departments of the curriculum.

Attention has been directed, also, towards the building up of a complete and attractive library of general reference in which the literature of the present, as well as of the past, is given its proper place, and which shall serve as an active agent in the attainment of liberal culture. This portion of the library, containing upwards of ten thousand volumes, is arranged in the spacious and well-lighted room at the east end of Hubbard Hall. The corresponding room on the west is given to some six thousand bound volumes of magazines that are indexed in Poole's Index to Periodical Literature, and to the current periodicals, of which the library receives about two hundred. Adjacent is a special reading room for the daily newspapers, and another for a choice collection, not yet complete, of fine editions of the works of the great masters of literature.

The entire collection is classified by the Decimal Classification and is supplied with a dictionary card catalogue. Though no formal instruction in bibliography is now given, the librarian and his assistants are ready to lend personal aid to inquirers. During term time, the library is open twelve hours every week-day and on Sunday afternoons. In vacation it is also open daily, with the exception of Sundays and holidays. Students are allowed to borrow three books at a time, and to retain them, if needed, four weeks. The privileges of the library are extended to graduates and to clergymen, also to any persons on recommendation of the Library Committee.

## The Library

Annual accessions, which average over two thousand volumes, are made to the library by means of an appropriation of the Boards for the purpose, and from the proceeds of funds contributed by Rev. Elias Bond, D.D., John L. Sibley, A.M., Hon. Samuel H. Ayer, Dr. R. W. Wood, Mrs. John C. Dodge, Henry J. Furber, Esq., and Hon. John L. Cutler. A special collection of books relating to the Huguenots is annually increased from the income of a book fund given by George S. Bowdoin, Esq. A similar library of rhetoric and literature has been recently established by the late Captain John C. Brown, U. S. A., as a memorial of his father, Philip Henry Brown, Esq., of the Class of 1856.





MEDICAL SCHOOL OF MAINE



## Faculty

- REV. WILLIAM DEWITT HYDE, D.D., PRESIDENT.
- ALFRED MITCHELL, A.M., M.D., DEAN, *Professor of Pathology and Practice of Medicine.*
- ISRAEL THORNDIKE DANA, A.M., M.D., *Professor of Pathology and Practice of Medicine, Emeritus.*
- FREDERIC HENRY GERRISH, A.M., M.D., *Professor of Anatomy.*
- STEPHEN HOLMES WEEKS, A.M., M.D., *Professor of Surgery and Clinical Surgery.*
- CHARLES OLIVER HUNT, A.M., M.D., *Professor of Materia Medica and Therapeutics.*
- FRANKLIN CLEMENT ROBINSON, A.M., LL.D., *Professor of Chemistry.*
- LUCILIUS ALONZO EMERY, LL.D., *Professor of Medical Jurisprudence.*
- CHARLES DENNISON SMITH, A.M., M.D., *Professor of Physiology and Hygiene.*
- ALBERT ROSCOE MOULTON, M.D., *Professor of Mental Diseases.*
- WILLIS BRYANT MOULTON, A.M., M.D., *Clinical Professor of Diseases of the Eye and Ear.*
- JOHN FRANKLIN THOMPSON, A.M., M.D., *Professor of Diseases of Women.*
- ADDISON SANFORD THAYER, A.B., M.D., *Professor of Diseases of Children.*
- FRANK NATHANIEL WHITTIER, A.M., M.D., *Professor of Pathological Histology and Bacteriology.*
- ALFRED KING, A.B., M.D., *Associate Professor and Demonstrator of Anatomy.*
- EDWARD JOSEPH McDONOUGH, A.B., M.D., *Lecturer in Obstetrics.*

## Bowdoin College

HENRY HERBERT BROCK, A.B., M.D., *Clinical Instructor in Surgery.*

ALFRED MITCHELL, JR., A.B., M.D., *Instructor in Genito-Urinary Surgery.*

CHARLES BRYANT WITHERLEE, A.B., M.D., *Instructor in Neurology.*

GUSTAVE ADOLPH PUDOR, A.B., M.D., *Instructor in Dermatology.*

EDVILLE GERHARD ABBOTT, M.D., *Clinical Instructor in Orthopedic Surgery.*

GILBERT MOLLESON ELLIOTT, A.M., M.D., *Assistant Demonstrator of Anatomy.*

WALTER EATON TOBIE, M.D., *Instructor in Surgery and Assistant Demonstrator of Anatomy.*

RICHARD DRESSER SMALL, A.B., M.D., *Demonstrator of Histology.*

NORMAN JOHN GEHRING, A.B., M.D., *Assistant Demonstrator of Histology.*

GEORGE THOMAS LITTLE, Litt.D., *Librarian.*

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HON. WILLIAM LEBARON PUTNAM, LL.D., *from the Board of Trustees.*

HON. WILLIAM PIERCE FRYE, LL.D., *from the Board of Trustees.*

DANIEL ARTHUR ROBINSON, A.M., M.D., *from the Board of Overseers.*

HON. JOSEPH WHITE SYMONDS, LL.D., *from the Board of Overseers.*

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JOHN LEMUEL MURRAY WILLIS, M.D., *Visitor from the Maine Medical Association.*

CLARENCE ARDEEN PEASLEE, M.D., *Visitor from the Maine Medical Association.*

## General Statement

The Medical School of Maine, established by the first legislature of the State, was by its charter placed under the control of the Boards of Trustees and Overseers of Bowdoin College, of which institution it is the Medical Department.

Its course of instruction covers four years of six months each. The studies are distributed through the curriculum according to the following schedule :

FIRST YEAR: Anatomy, Histology, Physiology, Chemistry, Personal Hygiene.

SECOND YEAR: Anatomy, Physiology, Chemistry, Pathology, Bacteriology.

THIRD YEAR: Internal Medicine, Surgery, Materia Medica and Therapeutics, Obstetrics.

FOURTH YEAR: Internal Medicine, Surgery, Materia Medica and Therapeutics, Medical Jurisprudence, Public Hygiene, Diseases of Women, Diseases of Children, Diseases of the Mind, Diseases of the Skin, Diseases of the Genito-urinary System, Diseases of the Eye, Diseases of the Ear, Diseases of the Nose and Throat, Diseases of the Joints.

The course is strictly graded, and all of the required studies of one year must be completed before those of the next succeeding year can be entered upon.

At the end of each year an examination is held in the studies of that year, and the successful student receives a certificate from the Dean, testifying to his passage. Those who prefer to defer their examination, and those who have failed at the close of the school-year, are allowed an examination at the beginning of the next year. If, for any sufficient cause, a student is unable to be present at the time appointed for this second examination, he may be examined three weeks after the beginning of the year. Failure to pass in the

## Medical School of Maine

studies of the final year will necessitate a repetition of the work of that year.

To be eligible for examination in the studies of the first year, the student must have completed a full year of professional study, and show documentary evidence to that effect; and corresponding requirements must be fulfilled before admission to the second-year and third-year examinations.

An examination which is not completed receives no consideration.

The students of the first and second years are instructed at Brunswick, where the school has been situated since its foundation in 1820, and where the facilities are excellent for imparting a knowledge of the primary branches. The third-year and fourth-year classes are taught in Portland, on account of the superior clinical advantages afforded in that city. The first of the two buildings designed for the use of the school, and now occupied by it, furnishes ample accommodations for the advanced classes. The location of the building is on Chadwick Street, near the Maine General Hospital, in which institution nearly all of the teachers in the school are medical or surgical officers, and the directors of which are in full sympathy with the purposes of the Faculty.

While the Maine General Hospital is the chief source for the supply of clinical material for the school, Portland has a number of other institutions which will contribute to the bedside instruction of the students; and the various teachers, as opportunity permits, will show individual pupils interesting cases in their private practice.

The eighty-fourth annual course will begin on Thursday, December 24, 1903, and will continue twenty-six weeks.

Examinations for admission to the school will be held at 9 A. M. on Thursday, December 24, in Brunswick. Examinations for admission to advanced standing will be held at 9 A. M. on Thursday, December 24, in Brunswick, for those wishing to enter the second year; at 9 A. M. on Saturday, December 26, in Portland, for those who wish to enter the third year; and on Thursday and Saturday, December 24 and 26, in Portland, at hours to be appointed, for those who wish to enter the fourth year. See Calendar, page 6.

The systematic courses of instruction will begin on Monday morning, December 28.

On arriving in Brunswick, students should apply at the office of



## Expenses

the Dean, in Adams Hall, enter their names, receive directions concerning their examinations, if any are needed, pay their fees, and be advised as to boarding places.

In Portland they should apply at the office in the medical building for the same purposes. Dr. Charles O. Hunt will act as Deputy Dean.

### EXPENSES

**FOR INSTRUCTION:** In each of the required four years, \$100. After attendance upon four full courses, payment of the matriculation fee only will be required.

**FOR EXAMINATIONS:** Payable at the end of the first year —

In Anatomy . . . . . \$5.00

In Physiology . . . . . 5.00

In Chemistry . . . . . 5.00

Payable at the close of the term of instruction in

Obstetrics, for examination in this branch . . . 5.00

These four fees are credited on the diploma-or-graduation fee.

For every re-examination in any of the above studies, \$3.00. This fee is not credited on the diploma fee.

For examination or re-examination in any branch, at a time not regularly appointed, a fee of \$5.00 must be paid, in addition to the prescribed fee for that examination.

Students who fail to pass the examinations at or near the beginning of the course cannot be examined again until the end of the course.

**MISCELLANEOUS:** The matriculation fee of \$5.00 is required of every student each year.

For materials used in the chemical laboratory courses, about \$2.50 per year.

For materials used in the bacteriological laboratory, about \$2.00.

For anatomical material, its cost.

For graduation fee (not returnable), including the parchment diploma, \$25.00. This will have been nearly paid in the examination fees in the previous years.

Graduates of other schools, who have been engaged three years in the regular practice of medicine, may receive a general ticket upon presentation of their diplomas and payment of the matriculation fee.

# Medical School of Maine

Graduates of other schools are not eligible for a degree from this school without attendance upon a full course of instruction immediately preceding the examination for such a degree.

All fees must be paid in cash and strictly in advance.

Board and lodging cost from \$3.00 to \$5.00 a week.

## REQUIREMENTS FOR ADMISSION

Applicants for admission will be required to give evidence that they possess a good English education. Unless they present diplomas or entrance tickets as provided below, they must pass examinations in the following subjects :

**ENGLISH.** Spelling, writing, construction of sentences, and English grammar.

**ARITHMETIC.** As represented in the larger common school text-books.

**ALGEBRA.** Including addition, subtraction, multiplication, division, factoring, and simple equations ; as much, for example, as is contained in the first eleven chapters of Wentworth's "New School Algebra."

**GEOMETRY.** Including at least three books of some standard Plane Geometry, such as Wells's or Wentworth's.

**HISTORY OF THE UNITED STATES.** To the extent afforded in the ordinary school history, such as Montgomery's.

**PHYSICS.** Elementary principles, as taken up in any standard school text-book. Such topics as the following should be specially studied : energy, mass, specific gravity, flow of liquids and gases, action of heat and pressure, wave motions, construction and use of thermometers, reflection and refraction of light, movement of sound, development of electricity and magnetism and their general laws.

**CHEMISTRY.** The principles of inorganic chemistry, as taken up in any standard school text-book. The study should have been pursued by the laboratory method, or at least with illustrative experiments by the teacher.

**LATIN.** Including sight-reading of easy Latin, a knowledge of the construction of Latin sentences, and the reading of some standard Latin author, as Cæsar or Virgil. At least two years should have been spent in the study of Latin in some good school.

## Graduation

Graduates of Colleges, Normal Schools, High Schools, or Academies, and students who have passed the entrance examination of any recognized college, will be exempt from examination on presentation of their diplomas or matriculation tickets, provided that their previous studies have included Latin, Chemistry, and Physics, to an extent not less than herein prescribed; but if their previous studies have not included Latin, Chemistry, and Physics, to the required extent, they must be examined upon these branches. Their diplomas or matriculation tickets will exempt them from examination in the other branches. In the reception of diplomas and tickets, business colleges are not recognized.

Students from other schools who apply for advanced standing must comply with the requirements for admission to the first year; must give satisfactory evidence that they have completed a course or courses of instruction equivalent in kind and amount to that in this school preceding the year to which admission is sought; and must pass examinations in all of the branches previously pursued by the class which they wish to enter. Certificates of the passage of examination in other schools are not accepted in lieu of examinations.

### GRADUATION

A candidate must be twenty-one years of age, and must have devoted to his professional studies four years, including a course of instruction in each of these years in some reputable, regular, incorporated medical institution; and the last course previous to examination must have been in this school. As evidence of his study when not in attendance upon such a school, he must present to the Dean the certificate of a regular and reputable practitioner of medicine. He must present a satisfactory certificate of good moral character from a citizen of the place in which he resides. He must also pass a satisfactory examination in the required studies, previously specified, and present a thesis on some medical subject, a fair copy of which must be handed to the Dean at least ten days before the beginning of the final examinations.

Time spent in pharmacy, in dental and veterinary institutions, and in preparatory schools does not entitle a student to examination for advanced standing.

A student who has received the degree of A.B., B.S., or any similar

# Medical School of Maine

degree after four years of study in a recognized college or technical school, may, if his studies have included a satisfactory amount of Chemistry, Physics, and Biology, be admitted as a second-year student; but when so admitted, he cannot gain third-year standing until he has passed satisfactory examinations in the studies of the first and second years.

## METHODS OF INSTRUCTION

In order to give to prospective students an idea of the facilities presented by this institution for acquiring a knowledge of the science and art of medicine, a brief statement is here made of the scope of the work in each department, and the methods adopted for imparting instruction.

**ANATOMY.** The course in this branch covers two years. In the early part of the first year the elementary tissues are studied, both in the lecture room and the histological laboratory. Then the viscera (including the cerebro-spinal axis and the organs of the special senses) are taken up in such order as will enable the student to become acquainted with the structure of each organ before its function is treated of by the professor of physiology. At the same time with this work the subjects of osteology and arthrology are pursued. All of these exercises are illustrated by casts, models, fresh and preserved specimens, and free-hand blackboard drawings. Some subjects are treated by lectures; but the recitation method has the more prominent place. Four hours of didactic exercises a week are given to the first-year work, and the afternoons for some weeks are devoted to microscopic work. The school provides a large number of microscopes; but students owning microscopes will find it advantageous to bring them.

The second year in Anatomy is devoted to the remainder of systematic anatomy and to relational anatomy. Myology is taken first, and the student must be able to recognize the muscles in the part which he is to dissect before he is allowed to work on the cadaver. Two dissections on different parts are required, and students are encouraged to dissect as much more as is possible. Surface anatomy is illustrated upon the living model, upon which, also, the students are required to make demonstrations. In the examinations at the close of the year, demonstrations upon the dissected subject are a prominent feature.

## Methods of Instruction

Before coming to the school students can do much to equip themselves for appreciation of human anatomy by making systematic dissections of some lower animals; and to this end they are earnestly advised to follow faithfully the directions prescribed in "Physiology Practicums," which will be sent post-paid for one dollar by the author, Prof. B. G. Wilder, Ithaca, N. Y. Useful books in the same line are Wilder and Gage's "Anatomical Technology," Foster and Langley's "Practical Physiology," and Huxley and Martin's "Biology."

The Anatomical Museum, previously well supplied with wet and dry specimens, casts and models in plaster, wax, and papier maché, has recently been enriched by a large importation from Germany, also by the generous gift of Azoux's complete model of a man, from Hon. John Fremont Hill, Governor of our State and a graduate of the Medical School in the Class of 1877.

**PHYSIOLOGY.** Instruction in this department is conducted with a view to the practical application of the facts of Physiology to the needs of the student in his study of the diagnosis and treatment of disease, and demonstrations and experimental teaching are employed as far as they can be made to serve this end.

In the first year the work will be devoted to the functions of nutrition and reproduction; in the second year, to the functions of relation. A portion of the hours will be devoted to text-book recitations.

**CHEMISTRY.** The courses in Chemistry for the session of 1904 will be as follows:

First-year students will begin with general chemical analysis, work in which will continue until about the time of the spring recess. The remainder of the term will be given to general organic chemistry. The work will be largely in the laboratory, and will occupy from four to six hours per week.

Second-year students will be given instruction in physiological chemistry and allied topics throughout the term, two to four hours per week. The course will consist very largely of laboratory work, and special attention will be given to urinary analysis.

At the end of each year examinations are held, and the results of these, taken in connection with the laboratory work and quizzes, determine whether the work has been satisfactorily completed or not.

Students who satisfy the professor of chemistry that they have pursued courses of chemical study similar to either of the above may be

## Medical School of Maine

examined by him at the beginning of the term, and, if the examination is satisfactory, they will be excused from attendance upon the courses in question.

The Chemical Department embraces every article of apparatus essential to the complete illustration of the principles of Chemistry.

The laboratories in the Mary Frances Searles Science Building furnish unsurpassed advantages for special courses in analytical chemistry, urinary analysis, and toxicology.

**OBSTETRICS.** The instruction in this branch is given by lectures, recitations, and quizzes, illustrated by models, manikins, and actual specimens.

**INTERNAL MEDICINE.** The instruction in this branch, which is given during the third year, will include general pathology, careful study of diagnostic methods, and special diseases. The fourth year will be devoted to such special diseases as have not been considered during the previous year. Regular quizzes will be conducted throughout both years.

A medical clinic will be held by the professor at the Hospital every Thursday, at 9 A.M., the material being furnished by the visiting physicians from the abundant resources of their wards, and by all members of the Faculty as they have cases of interest which can be utilized for the illustration of subjects under treatment in the didactic course. The visiting physicians will hold additional clinics as opportunity occurs. Definite announcements of these exercises will be seasonably made.

**BACTERIOLOGY AND PATHOLOGICAL HISTOLOGY.** The new, commodious, and amply equipped laboratory in Seth Adams Hall gives excellent facilities for instruction in bacteriology and pathological histology. The course in surgical pathological histology is given in the laboratory at the school building in Portland.

1. *Bacteriology.*—Instruction is given by lectures and laboratory work. In the laboratory course, each student is required to cultivate upon six media twelve varieties of pathogenic bacteria, to make stained microscopical preparations of each variety, and to study with the microscope the living organisms in hanging drop preparations. The media and staining fluids are prepared by students. A limited number of inoculation experiments upon animals are performed. Special atten-



## Methods of Instruction

tion is given to the examination of sputum for tubercle bacilli, to the diagnosis of diphtheria by means of making smears from suspected throats on Löffler's blood-serum mixture, to the technic of the serum diagnosis of typhoid fever, and to methods of staining gonorrhœal pus.

2. *Pathological Histology.* — Instruction is given by lectures and laboratory work. An introductory course of lectures upon general pathology is followed by the study of inflammations excited by chemical and bacterial causes, including the pathological histology of pneumonia, diphtheria, tuberculosis, etc. The latter part of the course is devoted mainly to the study of degenerations and tumors. In each case the description of particular lesions is followed by microscopical examination of the same lesions.

3. *Blood Examination.* — A short course in which students are trained in counting the red and white corpuscles, in estimating the amount of hemoglobin, in preparing and examining fresh and stained specimens.

4. *Surgical Pathological Histology.* — This is a laboratory course in which each third-year student examines microscopically the tissues obtained at the surgical clinic at the Maine General Hospital. The microscopical preparations become the property of the student, and are preserved for reference in connection with his clinic record as showing the pathology of cases previously observed.

**SURGERY.** Instruction is given in the principles of surgery during the third and fourth years, and consists of both didactic teaching and clinical instruction. During the third year the didactic instruction will be limited to general surgery, including surgical bacteriology, septic and antiseptic surgery, general diagnosis, irritation, sympathy, and congestion, inflammation and its effects, textural changes, new formation, benign and malignant, wounds and poisons. It will also include surgical instruments and other appliances, anæsthetics and the method of their administration. Third-year students will also be required to attend the surgical clinics and bedside teaching at the Maine General Hospital.

During the fourth year the didactic lectures will be limited to special surgery, embracing the various surgical diseases, injuries and malformations of particular organs, tissues and regions of the body. Students will also attend the surgical clinics and ward instruction at the Hospital. At the end of the fourth year candidates for the degree



## Medical School of Maine

of M.D. will be examined not only in special surgery, but also in the work done at the Hospital. The professor will also be at liberty to ask questions in general surgery.

The didactic lectures are supplemented by ample bedside teaching at the Maine General Hospital. A clinic will be held at the Hospital every Saturday from 10 to 12, the visiting surgeons of which place at the disposal of the professor whatever material in their wards he desires for illustration of the topics which he has in hand.

In addition to these systematic clinics, students have the privilege of witnessing operations almost every day at the Hospital, and these will be explained and made as useful as possible by the surgeons. Opportunity will be given to observe the after-treatment and subsequent progress of the cases, sections of the class being permitted to visit the wards under the guidance of the surgeons on duty.

Minor and operative surgery receive due attention, and the most practical character is given to the instruction, the students being required to apply bandages and other dressings, and to perform operations upon the cadaver under the direct supervision of the instructor.

**MATERIA MEDICA AND THERAPEUTICS.** Instruction in this department will be given during the third and fourth year. In the third year the teaching will be given by lectures and quizzes, with special attention given to prescription writing. In the fourth year, the lectures and quizzes will be continued, and there will also be a recitation course in practical therapeutics.

**MEDICAL JURISPRUDENCE.** The instruction in Medical Jurisprudence will be directed mainly to an exposition of the legal duties and responsibilities of physicians and surgeons to their patients, and also to their character and position as medical expert witnesses in courts of justice. Practical suggestions will be given for guidance in both respects.

**GYNÆCOLOGY.** Two recitations, quizzes, or lectures will be given weekly, and in addition one clinic weekly at which opportunity will be given for students to examine the female pelvis.

**DISEASES OF CHILDREN.** The instruction in this department will be given chiefly by lectures and recitations, and will also include clinical exercises and demonstrations.

## The Library

**MENTAL DISEASES.** The professor of this department is chief medical officer of the Pennsylvania Hospital for the Insane. Especial efforts are made to instruct the students in the early recognition of insanity, with a view to the institution of treatment at the time when it is most productive of good results.

**OPHTHALMOLOGY AND OTOTOLOGY.** A weekly clinic in diseases of the eye and ear will be held at the Hospital on Saturday, at 11 A.M. The various diseases will be described as cases illustrating them are available for demonstration; operations will be performed when required; and other treatment applied as may be necessary.

**PUBLIC HYGIENE.** Instruction in the form of lectures is given by the President of the State Board of Health on the principles of public sanitation, the source and character of public water supplies, and the collection and disposal of waste, with especial reference to preventable diseases. Several hours are devoted to sanitary legislation, and the relations and obligations of the practising physician to the public and to health boards, in the management of infectious diseases.

### ANNOUNCEMENTS

The faculty desire to call additional attention to the following named enlargements of and additions to the courses of instruction made operative for the present year: The doubling of the courses in Gynæcology and Pediatrics, special didactic and clinical courses in Neurology, Dermatology, Genito-Urinary and Orthopedic Surgery, Histology, and Anatomical Demonstration.

Announcement of hours for clinical instruction in Genito-Urinary Surgery, Dermatology, and Orthopedic Surgery will be seasonably made.

They also desire especially to announce that, in accordance with the approval of the Boards of the College, the course of 1904-1905 will extend from the first Thursday of November, 1904, until Commencement of 1905, thus covering a period of eight months.

### THE LIBRARY

The Library of the Medical School, containing 3,700 volumes, has been combined with that of the college, which numbers 76,000 volumes. Both collections are under the same administration and are

## Medical School of Maine

at the service of the medical students. The more recently published medical works and current numbers of professional journals are kept in a separate room in the main library building for their especial use. It is not the policy of the school to furnish text-books through its Library, or to buy largely in medical literature; yet, by means of the catalogue of the Library of the Surgeon-General's office and the system of inter-library loans, the Librarian is able to procure for use in serious investigation almost any book that may be desired.

### **Text-Books**

**ANATOMY.** Gerrish. For reference, Quain.

**PHYSIOLOGY.** For recitation work, Blakiston's edition of Kirke's. For reference, Landois and Stirling, Foster, Howell's "The American Text-book of Physiology."

**CHEMISTRY.** For general reference, Simon, Bartley, Pellew. For reference in urinary analysis, Purdy, Black, Tyson. For use in laboratory, Robinson's "Qualitative Chemical Analysis."

**PUBLIC HYGIENE.** For reference, Harrington, Coplin, and Bevan, Parke's "Practical Hygiene," Abbott's "Hygiene of the Transmissible Diseases."

**MATERIA MEDICA AND THERAPEUTICS.** For recitation work, Hare. For reference, White and Wilcox, H. C. Wood, Cushney.

**PRACTICE OF MEDICINE.** Osler, Anders, Strumpell, Eichhorst, DaCosta's "Medical Diagnosis." Simon's "Clinical Diagnosis." Ewing on "The Blood."

**PHYSICAL DIAGNOSIS.** Cabot, Lefevre.

**BACTERIOLOGY.** For reference, Abbott, Muir and Richie, McFarland, Levy, and Klemperer.

**PATHOLOGY.** For reference, Ziegler, Mallory and Wright, Coplin, Green.

**SURGERY.** "The American Text-book of Surgery." DaCosta's "Modern Surgery." Dennis's "System of Surgery." Park's "Treatise on Surgery." Bryant's "Operative Surgery." "The International Text-book of Surgery." Shurley's "Diseases of Nose and

## Text-Books

Throat." Warren's "Surgical Pathology and Therapeutics." Wharton and Curtis's "The Practice of Surgery." Roberts's "Modern Surgery." Phelps's "Traumatic Injuries of the Brain."

OBSTETRICS. Williams, "American Text-book of Obstetrics," Hirst, Jewett, Reynolds, and Newell.

DISEASES OF WOMEN. Kelley (2 vols.), E. C. Dudley, Penrose, and Reed.

DISEASES OF CHILDREN. Holt, Rotch, Williams.

MEDICAL JURISPRUDENCE. Taylor with Bell's Notes, Ewell.

DISEASES OF THE EYE. Nettleship, Swanzay, DeSchweinitz.

DICTIONARIES. Dorland (Illustrated), Duane, Gould.

DERMATOLOGY. Walker's "Introduction."

ORTHOPEDIC SURGERY. Bradford and Lovell.



ALUMNI ASSOCIATIONS AND SPECIAL  
FITTING SCHOOLS





## Alumni Associations

### THE GENERAL ASSOCIATION

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# Bowdoin College

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## PHILIPPINE ALUMNI ASSOCIATION

*President*, CLARENCE E. BAKER, Esq.; *Secretary*, ALBRO L. BURNELL, Claveria, Luzon, P. I.

## ALUMNI RECORD

It is desired to keep as full a record as possible of the residences, occupations, and public services of the alumni. Information is solicited in regard to these points, and also in regard to matters appropriate to the obituary record annually published by the college.

The last edition of the General Catalogue, issued in June, 1902, with a supplement containing names of the Class of 1903, is a bound octavo of 266 pages, and will be mailed to any address on the receipt of fifty cents.

Communications should be addressed to the College Librarian.

# Special Fitting Schools

## Special Fitting Schools

The schools noticed on the following pages have been constituted special Fitting Schools for Bowdoin College by the action of their several Boards of Trustees, in concurrence with the College Boards. They are annually examined by representatives of the college. Graduates of the schools, however, are required to pass the regular college entrance examinations for admission, at the same dates and under the same conditions as are prescribed for students of other preparatory schools who take their examinations elsewhere than in Brunswick.

### FRYEBURG ACADEMY

Fryeburg, Me.

INCORPORATED FEBRUARY 9, 1792.

EMERSON LELAND ADAMS, A.M., *Principal*.

This school offers five courses of study :

- I. A College Preparatory Course, of four years.
- II. An English Course, of four years.
- III. A Business Course, of four years.
- IV. An Academic Course, of four years.
- V. A Teacher's Training Course, of two years.

### EXPENSES

**TUITION.** The cost of tuition is \$7.00 per term for all branches, music, drawing, and painting included.

**BOARD.** The cost of board is from \$3.00 to \$4.00 a week, including fuel, lights, and washing. Rooms in private houses may be obtained at from 30 to 50 cents a week. Board in clubs, if desired, can be had at very cheap rates.

# Bowdoin College

## CALENDAR

Fall Term of 14 weeks, began September 15, 1903.

Winter Term of 12 weeks, begins January 5, 1904.

Spring Term of 11 weeks, begins April 5, 1904.

*Examiner appointed by the college for 1904:* Professor George Taylor Files.

## WASHINGTON ACADEMY

East Machias, Me.

INCORPORATED MARCH 7, 1792.

ARCHIE SHERMAN HARRIMAN, A.B., *Principal*.

This academy offers two courses of study:

- I. A College Preparatory Course, of four years.
- II. An English Scientific Course, of four years.

The Academy is on the approved list of the New England College Entrance Certificate Board. Certificates will be accepted by all colleges represented on this Board.

## EXPENSES

**TUITION.** As the income of the endowment fund pays most of the expenses of the school, the tuition fee is only \$5.00 a term, which covers all expenses.

**BOARD.** The cost of board does not exceed \$3.50 a week. Rooms can be obtained at reasonable rates by those who wish to board themselves.

## CALENDAR

Fall Term of 13 weeks, began September 7, 1903.

Winter Term of 13 weeks, begins December 14, 1903.

Spring Term of 13 weeks, begins March 21, 1904.

*Examiner appointed by the college for 1904:* Professor Franklin Clement Robinson.

# Special Fitting Schools

## LINCOLN ACADEMY

Newcastle, Me.

INCORPORATED FEBRUARY 23, 1801.

GEORGE HOWARD LARRABEE, A.M., *Principal*.

This school offers three courses of study :

- I. A College Preparatory Course, of four years.
- II. An English Course, of four years.
- III. Teacher's Training Course, of four years.

### EXPENSES

TUITION. Fall and Spring Terms, \$4.00 to \$7.00 ; Winter and Summer Terms, \$3.00 to \$5.00.

BOARD. Board can be obtained at from \$3.00 to \$4.00 per week. Rooms for self-boarding may be secured at reasonable rates.

### CALENDAR

Fall Term of 11 weeks, began September 8, 1903.

Winter Term of 8 weeks, begins November 30, 1903.

Spring Term of 11 weeks, begins February 1, 1904.

Summer Term of 8 weeks, begins April 25, 1904.

*Examiner appointed by the college for 1903:* Professor William Addison Houghton.

## THORNTON ACADEMY

Saco, Me.

INCORPORATED FEBRUARY 16, 1811.

EDWIN PRESCOTT SAMPSON, A.M., *Principal*.

This academy offers three full preparatory courses :

- I. An English or Scientific Course, of four years.
- II. A Classical Course, of four years.
- III. A Business Course, of four years.

# Bowdoin College

## EXPENSES

**TUITION.** Tuition in each course is \$10.00 a term, payable in advance. Those desiring to take special studies will be charged \$5.00 a term for each study.

**BOARD.** Board can be obtained in the city at from \$3.00 to \$6.00 a week.

## CALENDAR

Fall Term began September 14, 1903.

Winter Term begins January 4, 1904.

Spring Term begins April 5, 1904.

Fall Term begins September 12, 1904.

*Examiner appointed by the college for 1903:* Professor Henry Johnson.







CATALOGUE *of*  
B O W D O I N  
C O L L E G E

*& the Medical School of Maine*

FOR THE YEAR 1904-1905



B R U N S W I C K , M A I N E

*Printed for the College* • MDCCCCIV

BOWDOIN COLLEGE BULLETIN, NEW SERIES, No. 1.

These publications include the Annual Catalogue of the College and of the Medical School of Maine ; the Annual Report of the President, of the Treasurer, and of the Librarian ; the Obituary Record ; and the Bibliographical Contributions.

THE UNIVERSITY PRESS  
CAMBRIDGE, MASS., U. S. A.

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# Calendar

## BOWDOIN COLLEGE

1904

- September 22 . . First Semester began — Thursday at 8.20 A. M.  
 November 24 . . Thanksgiving Day: a holiday — Thursday.

*Vacation from December 23 to 8.20 A. M. January 3.*

1905

- January 19 . . . Class of 1868 Prize Speaking — Thursday, 8 P. M.  
 Feb. 2 to 11 . . . Examinations of the First Semester — Thursday to Saturday of the following week.  
 February 13 . . . Second Semester begins — Monday.  
 February 22 . . . Washington's Birthday: a holiday — Wednesday.

*Vacation from 11.30 A. M. April 1 to 8.20 A. M. April 10.*

- May 30 . . . Memorial Day: a holiday — Tuesday.  
 June 2 . . . Ivy Day Exercises — Friday.  
 June 8, 9, and 10 . . Examinations at Preparatory Schools — Thursday, Friday, and Saturday.  
 June 8 to 17 . . . Examinations of the Second Semester, Thursday to Saturday of the following week.  
 June 18 . . . Baccalaureate Sermon — Sunday, 4 P. M.  
 June 19 . . . Sophomore Prize Declamation — Monday, 8 P. M.  
 June 20 . . . Class Day Exercises — Tuesday, 10 A. M., 3 P. M., and 8 P. M.  
 June 21 . . . Commencement Exercises of the Medical School — Wednesday, 9.30 A. M., Memorial Hall.  
     Annual Meeting of the Phi Beta Kappa Society, 11 A. M., Alumni Room, Hubbard Hall.  
     The President's Reception — 8 to 11 A. M., Hubbard Hall.  
 June 22 . . . Annual Meeting of the Alumni Association, — Thursday, 9 A. M.  
     The Commencement Exercises of the College, 10.30 A. M.  
     Commencement Dinner — 12.30 A. M.

## Bowdoin College

June 22, 23, and 24 . Entrance Examinations in Brunswick — Thursday to Saturday.

*Summer Vacation of Fourteen Weeks.*

Sept. 25 to 27 . . Entrance Examinations in Brunswick — Monday to Wednesday.

September 28 . . First Semester begins — Thursday, 8.20 A. M.

### MEDICAL SCHOOL OF MAINE

1904

October 20 . . . Entrance Examinations for the First Year Students; in Brunswick — Thursday, 9 A. M.

October 21 . . . Examinations for Admission to Advanced Standing. For Admission to the Second Year, Examinations are in Brunswick as follows: Anatomy at 9 A. M., Physiology at 2 P. M., Friday.

October 22 . . . Examinations for Admission to Advanced Standing. For Admission to the Fourth Year, Examinations are in Portland — hours to be announced later — Friday and Saturday.

November 24 . . Thanksgiving Day: a holiday — Thursday.

*Vacation from Friday, December 23, to morning of Tuesday, January 3.*

1905

February 22 . . . Washington's Birthday: a holiday — Wednesday.

*Vacation from noon of Saturday, April 1, to morning of Tuesday, April 10.*

May 30 . . . . Memorial Day: a holiday — Tuesday.

June 7 to 21 . . . Examinations — Wednesday to Wednesday of the second week following.

June 21 . . . . Commencement Exercises of the Medical School 9.30 A. M., Memorial Hall — Wednesday.

*Summer Vacation of Seventeen Weeks.*

October 19 . . . Examinations begin — Thursday.



# BOWDOIN COLLEGE

**B**OWDOIN COLLEGE was incorporated by the General Court of Massachusetts, upon the joint petition of the Association of Ministers and the Court of Sessions of Cumberland County. The act of incorporation was signed by Governor Samuel Adams, June 24, 1794.

The college was named in honor of James Bowdoin, a grandson of the Huguenot refugee, Pierre Baudouin, who fled from the religious persecution that followed the revocation of the Edict of Nantes, and, in 1687, made a home for himself on the shores of Casco Bay, in what is now the city of Portland. In the next generation the family name was anglicized, and the grandson, James Bowdoin, was born in Boston, which had become the family home, and was graduated from Harvard College in 1745.

He was a staunch and influential supporter of the movement for American independence, a member for many years of the Council, or senate, of the colonial legislature, a delegate to the first Continental Congress in Philadelphia, president of the Provincial Council, and a close personal friend of Washington. He was also the president of the convention which framed the Constitution of Massachusetts, and was, subsequently, for two terms Governor of the State. In addition to his civil honors he received honorary academic degrees from Harvard, from the University of Pennsylvania, and from the University of Edinburgh; he was a member of various foreign societies, the first president of the American Academy of Arts and Sciences, and a valued friend and correspondent of Benjamin Franklin.

The earliest patron of the college was the Honorable James Bowdoin, son of the Governor. He was graduated from Harvard College in 1771, and subsequently studied at the University of Oxford. In President Jefferson's administration he was appointed successively Minister Plenipotentiary at the Court of Spain, and Associate Minis-

## Bowdoin College

ter at the Court of France. During his residence abroad he accumulated a valuable library, a collection of paintings and drawings by old and modern masters, a cabinet of minerals and fossils, together with models of crystallography, all of which he bequeathed to the college. During his lifetime he gave land, money, and apparatus to the college, and at his death it became, by will, his residuary legatee.

Circumstances delayed the opening of the college for several years after its incorporation; but in 1802, a substantial brick building having been erected for its accommodation, the first president was inaugurated, and the work of instruction was begun. The college was established, and has been maintained, under the general patronage of the Congregational churches, but its instruction, government, and administration are, and have always been, unsectarian. The government of the college is vested in two concurrent Boards, the Trustees and the Overseers, and since 1870 one-half the vacancies occurring in the Board of Overseers have been filled from nominations by the body of the alumni.

The Medical School dates from 1820, when it was incorporated by the first legislature of the new State of Maine, and made a department of Bowdoin College.

At the Commencement of 1894 the one hundredth anniversary of the incorporation of the college was celebrated with appropriate exercises, and at that time the academical, medical, and honorary graduates numbered, together, four thousand three hundred and sixty-five; and another thousand was made up of those who had studied in the college without taking a degree, and of those who were undergraduates in that anniversary year.

# REGISTER



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## Undergraduates

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ABBREVIATIONS : A. H., Appleton Hall; M. H., Maine Hall; W. H., Winthrop Hall.

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Brett, John Hall . . . . .	<i>Auburn</i> . . . . .	A. Δ. Φ. House.
Brimijoin, William Stephen . . . . .	<i>Lisbon Falls</i> . . . . .	26 A. H.
Burroughs, Ernest Henry Redding . . . . .	<i>Sanford</i> . . . . .	Z. Ψ. House.
Campbell, Morris O'Brien . . . . .	<i>Cherryfield</i> . . . . .	Δ. K. E. House.
Chase, Stanley Perkins . . . . .	<i>Portland</i> . . . . .	Δ. K. E. House.
Clarke, James Arthur . . . . .	<i>Damariscotta Mills</i> . . . . .	Z. Ψ. House.
Cleaves, Charles Poole . . . . .	<i>Brunswick</i> . . . . .	18 Potter St.
Cook, Charles Bayley . . . . .	<i>Portland</i> . . . . .	Ψ. T. House.
Cushing, Ralph Norwood . . . . .	<i>Thomaston</i> . . . . .	Ψ. T. House.
Cushing, Walter Samuel . . . . .	<i>Bangor</i> . . . . .	Δ. K. E. House.
Damren, Kenneth Howard . . . . .	<i>Auburn</i> . . . . .	B. Θ. Π. House.
Davis, Raymond . . . . .	<i>Portland</i> . . . . .	Ψ. T. House.
Day, Frank . . . . .	<i>Trevett</i> . . . . .	32 W. H.
Denning, Ansel Cyrus . . . . .	<i>East Poland</i> . . . . .	Δ. K. E. House.
Donnell, Charles Joseph . . . . .	<i>Bath</i> . . . . .	Ψ. T. House.
Eaton, Robert Knight . . . . .	<i>Brunswick</i> . . . . .	Δ. K. E. House.
Emery, James Newell . . . . .	<i>Bar Harbor</i> . . . . .	Θ. Δ. X. House.
Finn, James Gregory . . . . .	<i>Lewiston</i> . . . . .	13 W. H.
Finn, William Francis, Jr. . . . .	<i>Natick, Mass.</i> . . . . .	30 W. H.
Foster, George Adams . . . . .	<i>Bangor</i> . . . . .	288 Main St.
Garcelon, Harold Webb . . . . .	<i>Lewiston</i> . . . . .	26 A. H.
Greene, John Adolph . . . . .	<i>Coplin</i> . . . . .	216 Maine St.
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Haggett, Benjamin Simpson . . . . .	<i>Bath</i> . . . . .	29 W. H.
Hall, Robert Elwyn . . . . .	<i>Dover</i> . . . . .	Z. Ψ. House.
Hamilton, Everett Woodbury . . . . .	<i>Cumberland Centre</i> . . . . .	29 W. H.
Harvey, Edwin La Forest . . . . .	<i>Bethel</i> . . . . .	Θ. Δ. X. House.
Henderson, Walton Thomas . . . . .	<i>Freeport</i> . . . . .	8 M. H.
Hill, Herbert Staples . . . . .	<i>Westbrook</i> . . . . .	15 W. H.

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Name	Residence	Room
Leatherbarrow, George Edward . . . . .	<i>Portland</i> . . . . .	Portland.
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Lewis, Henry . . . . .	<i>Gardiner</i> . . . . .	Ψ. T. House.
McCobb, Arthur Lewis . . . . .	<i>Boothbay Harbor</i> . . . . .	16 M. H.
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Marr, Harold Everett . . . . .	<i>Farmington</i> . . . . .	15 M. H.
Mikelsky, Frank . . . . .	<i>Bath</i> . . . . .	19 M. H.
Much, Rupert MacConnell . . . . .	<i>Bath</i> . . . . .	12 W. H.
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Norcross, Winfield Irvin . . . . .	<i>Lewiston</i> . . . . .	6 Cleaveland St.
Norton, William John . . . . .	<i>Westbrook</i> . . . . .	B. Θ. Π. House.
Nutter, Harold Russell . . . . .	<i>Bangor</i> . . . . .	Δ. K. E. House.
Pettengill, Ray Waldron . . . . .	<i>Augusta</i> . . . . .	Δ. K. E. House.
Philoon, Wallace Copeland . . . . .	<i>Auburn</i> . . . . .	A. Δ. Φ. House.
Pierce, Leonard Augustus . . . . .	<i>Houlton</i> . . . . .	Δ. K. E. House.
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Robinson, Ralph Sylvester . . . . .	<i>Warren</i> . . . . .	179 Maine Street.
Rundlett, Carl Waldron . . . . .	<i>Portland</i> . . . . .	B. Θ. Π. House.
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Williams, Stanley . . . . .	<i>Portland</i> . . . . .	Θ. Δ. X. House.
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Booth, Harold George . . . . .	<i>Riverside</i> . . . . .	261 Maine St.
Boothby, Alfred Russell . . . . .	<i>Westbrook</i> . . . . .	Θ. Δ. X. House.
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Brown, Percy Mansfield . . . . .	<i>Wilton</i> . . . . .	Wilton.
Burton, Felix Arnold . . . . .	<i>W. Newton, Mass.</i> . . . . .	Δ. K. E. House.
Buttrick, Paul Allen . . . . .	<i>New York, N. Y.</i> . . . . .	13 W. H.
Carney, Richard Irving . . . . .	<i>Sheepscott</i> . . . . .	1 W. H.
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Doherty, Cornelius Francis . . . . .	<i>Rockland</i> . . . . .	27 W. H.
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Drummond, Wadleigh Bean . . . . .	<i>Portland</i> . . . . .	9 A. H.
Duddy, Edward Augustin . . . . .	<i>Portland</i> . . . . .	28 W. H.

# Bowdoin College

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Files, Harold Woodman . . . . .	<i>Cornish</i> . . . . .	32 M. H.
Gannett, Frank Stinson . . . . .	<i>Fort Fairfield</i> . . . . .	Z. Ψ. House.
Giles, Ralph Waldo . . . . .	<i>East Brownfield</i> . . . . .	B. Θ. II. House.
Goodhue, Harold Vinton . . . . .	<i>Fort Fairfield</i> . . . . .	8 A. H.
Hacker, Tom Edgar . . . . .	<i>Fort Fairfield</i> . . . . .	Δ. K. E. House.
Haines, William . . . . .	<i>Waterville</i> . . . . .	7 Everett St.
Haines, Willis Nathan . . . . .	<i>Dexter</i> . . . . .	8 A. H.
Haley, Seth Gurney, Jr., . . . . .	<i>Brooklyn, N. Y.</i> . . . . .	20 M. H.
Halford, John Henry . . . . .	<i>Sanford</i> . . . . .	31 M. H.
Hall, Crowell Clairinton, Jr. . . . .	<i>Dover</i> . . . . .	Z. Ψ. House.
Hatch, Arthur Loud . . . . .	<i>Somerville, Mass.</i> . . . . .	Z. Ψ. House.
Hichborn, Harold Sprague . . . . .	<i>Augusta</i> . . . . .	11 A. H.
Hopewell, Henry Chase . . . . .	<i>Cambridge, Mass.</i> . . . . .	6 W. H.
Joy, Harry Jarvis . . . . .	<i>Ellsworth</i> . . . . .	22 M. H.
Kimball, Phillips . . . . .	<i>Bath</i> . . . . .	11 W. H.
Kingsley, Chester Sumner . . . . .	<i>Augusta</i> . . . . .	12 M. H.
Lawrence, Glenn Allan . . . . .	<i>North Lubec</i> . . . . .	Z. Ψ. House.
Leydon, John William . . . . .	<i>Bath</i> . . . . .	16 W. H.
Libby, Bion Bradbury . . . . .	<i>Portland</i> . . . . .	12 A. H.
Linnell, William Shepard . . . . .	<i>Saco</i> . . . . .	B. Θ. II. House.
Lowell, Herbert Gershom . . . . .	<i>Westbrook</i> . . . . .	26 W. H.
MacMichael, Earle Haggett . . . . .	<i>East Boston, Mass.</i> . . . . .	11 M. H.
Mincher, Leon Dearborn . . . . .	<i>Mattawamkeag</i> . . . . .	B. Θ. II. House.
Neal, Morris Humphrey . . . . .	<i>Collinsville, Conn.</i> . . . . .	Δ. K. E. House.
Otis, Ensign . . . . .	<i>Rockland</i> . . . . .	31 W. H.
Pike, Asa Osgood . . . . .	<i>Fryeburg</i> . . . . .	31 M. H.
Pletts, Louis Oliver . . . . .	<i>Brunswick</i> . . . . .	16 Lincoln St.
Powers, Elisha Shaw . . . . .	<i>Houlton</i> . . . . .	18 M. H.
Redman, Fulton Jarvis . . . . .	<i>Dorchester, Mass.</i> . . . . .	28 M. H.
Roberts, Ammie Blaine . . . . .	<i>Portland</i> . . . . .	25 A. H.
Roberts, Willis Elmer . . . . .	<i>Brunswick</i> . . . . .	155 Maine St.
Robinson, Dwight Stillwell . . . . .	<i>Brunswick</i> . . . . .	214 Maine St.
Robinson, William Alexander . . . . .	<i>St. John, N. B.</i> . . . . .	30 W. H.
Russell, Blinn Whittemore . . . . .	<i>Farmington</i> . . . . .	9 M. H.
Ryan, Frank Keith . . . . .	<i>Hampton, N. B.</i> . . . . .	17 M. H.
Sargent, Daniel . . . . .	<i>Jamaica Plain, Mass.</i> . . . . .	24 M. H.
Sawyer, Ralph Eugene . . . . .	<i>Wilton</i> . . . . .	9 M. H.
Sewall, James Wingate, Jr. . . . .	<i>Oldtown</i> . . . . .	Ψ. T. House.
Shorey, Philip Ricker . . . . .	<i>Brunswick</i> . . . . .	12 Stetson St.

# Students

Name	Residence	Room
Small, Ralph Millard . . . . .	<i>Augusta</i> . . . . .	11 W. H.
Smith, Lewis Winfield . . . . .	<i>Brunswick</i> . . . . .	59 Harpswell St.
Snow, Charles Wilbert . . . . .	<i>Spruce Head</i> . . . . .	24 A. H.
Speake, William Eugene . . . . .	<i>Washington, D. C.</i> . . . . .	9 W. H.
Stetson, Clarence Elbert . . . . .	<i>Canton</i> . . . . .	13 M. H.
Thomas, Charles Francis, Jr. . . . .	<i>Caribou</i> . . . . .	26 W. H.
Tobey, Harold Grant . . . . .	<i>Clinton, Mass.</i> . . . . .	Θ. Δ. X. House.
Upton, Francis Robbins, Jr. . . . .	<i>Orange, N. J.</i> . . . . .	252 Maine St.
Voorhees, Aubrey James . . . . .	<i>Bath</i> . . . . .	31 A. H.
Weed, Frank Jones . . . . .	<i>Bethel</i> . . . . .	Θ. Δ. X. House.
Whipple, Malon Patterson . . . . .	<i>Solon</i> . . . . .	25 M. H.
Wilson, Harold Everett . . . . .	<i>Newburyport, Mass.</i> . . . . .	11 M. H.
Winchell, Thomas Riley . . . . .	<i>Brunswick</i> . . . . .	169 Maine St.

## FRESHMEN — Class of 1908

Name	Residence	Room
Abbott, Charles Noyes . . . . .	<i>St. John, N. B.</i> . . . . .	22 W. H.
Archibald, James Nelson, Jr. . . . .	<i>Houlton</i> . . . . .	13 A. H.
Bailey, Ralph Edwin Gilmore . . . . .	<i>Skowhegan</i> . . . . .	13 Everett St.
Baldwin, Lorenzo Wilson . . . . .	<i>Manasquan, N. J.</i> . . . . .	32 A. H.
Briggs, Benjamin Franklin . . . . .	<i>Auburn</i> . . . . .	24 M. H.
Briggs, Eugene Hale . . . . .	<i>Auburn</i> . . . . .	28 M. H.
Brigham, Herbert Storrs, Jr. . . . .	<i>Kennebunk</i> . . . . .	27 M. H.
Campbell, Colin Joseph . . . . .	<i>Cherryfield</i> . . . . .	13 A. H.
Chandler, Hiram Benjamin Tuell . . . . .	<i>W. Sumner</i> . . . . .	30 M. H.
Clark, Chester Gordon . . . . .	<i>Portland</i> . . . . .	11 A. H.
Cox, Neal Willis . . . . .	<i>Portland</i> . . . . .	5 M. H.
Coyle, Earl Howard . . . . .	<i>Portland</i> . . . . .	21 W. H.
Crowley, William James . . . . .	<i>Bangor</i> . . . . .	25 W. H.
Davis, Joseph Albert . . . . .	<i>Westbrook</i> . . . . .	32 A. H.
Donnell, Murray Cushing . . . . .	<i>Houlton</i> . . . . .	20 M. H.
Fairclough, William Whitney . . . . .	<i>Richmond</i> . . . . .	11 Pleasant St.
Foss, George Herbert . . . . .	<i>Fort Fairfield</i> . . . . .	6 A. H.
Garcelon, Louis . . . . .	<i>Lewiston</i> . . . . .	26 A. H.
Gray, Jay Lyman . . . . .	<i>Lubec</i> . . . . .	29 M. H.
Gregson, Bowdoin Neally . . . . .	<i>Rochester, N. H.</i> . . . . .	14 W. H.
Hanson, Ole . . . . .	<i>Bath</i> . . . . .	B. Θ. II. House.
Hayes, Harry Herman . . . . .	<i>Bridgton</i> . . . . .	12 M. H.
Hupper, Roscoe Henderson . . . . .	<i>Martinsville</i> . . . . .	29 M. H.
Huse, Arthur Hosmer . . . . .	<i>Camden</i> . . . . .	B. Θ. II. House.

# Bowdoin College

Name	Residence	Room
Hyde, George Palmer . . . . .	<i>Brunswick</i> . . . . .	85 Federal St.
Johnson, Henry Lincoln . . . . .	<i>Brunswick</i> . . . . .	34 Federal St.
Kilborn, Karl Bray . . . . .	<i>Portland</i> . . . . .	5 M. H.
Kincaid, John Everritt . . . . .	<i>Lewiston</i> . . . . .	8 M. H.
Kinney, Roy Luther . . . . .	<i>Fort Fairfield</i> . . . . .	22 A. H.
Leavitt, Sturgis Elleno . . . . .	<i>Gorham</i> . . . . .	3 W. H.
Lee, Richard Almy . . . . .	<i>Brunswick</i> . . . . .	3 Bath St.
Leighton, Chester Adam . . . . .	<i>Portland</i> . . . . .	25 W. H.
Merrill, Albion Weston . . . . .	<i>Brewer</i> . . . . .	14 A. H.
Merrill, Maurice Palmer . . . . .	<i>Skowhegan</i> . . . . .	30 M. H.
Morrison, John Franklin . . . . .	<i>Medford, Mass.</i> . . . . .	3 W. H.
Morse, Benjamin Wyman . . . . .	<i>Bath</i> . . . . .	12 W. H.
Osborne, Clarence William . . . . .	<i>Fort Fairfield</i> . . . . .	16 A. H.
Packard, George . . . . .	<i>Brighton, Mass.</i> . . . . .	29 A. H.
Packard, Kent . . . . .	<i>Jamaica Plain, Mass.</i> . . . . .	27 M. H.
Parker, David Taylor . . . . .	<i>Bath</i> . . . . .	2 M. H.
Pennell, Frederick Levi . . . . .	<i>Portland</i> . . . . .	252 Maine St.
Piper, Frank Sherman . . . . .	<i>N. Parsonsfield</i> . . . . .	1 M. H.
Powers, Paul Hussey . . . . .	<i>Houlton</i> . . . . .	Z. Ψ. House.
Pullen, George William, Jr. . . . .	<i>Brewer</i> . . . . .	10 A. H.
Purington, Harry Woodbury . . . . .	<i>Bethel</i> . . . . .	29 A. H.
Putnam, Aaron Albert . . . . .	<i>Houlton</i> . . . . .	14 A. H.
Ricker, Shipley Wilson, Jr. . . . .	<i>South Berwick</i> . . . . .	17 Cleaveland St.
Robinson, Arthur Lincoln . . . . .	<i>Brunswick</i> . . . . .	214 Maine St.
Robinson, Carl Merrill . . . . .	<i>Portland</i> . . . . .	10 A. H.
Robinson, Clarence Perrin . . . . .	<i>Portland</i> . . . . .	27 W. H.
Sanborn, Edward Talbot . . . . .	<i>East Machias</i> . . . . .	14 W. H.
Simpson, Thomas Charles, Jr. . . . .	<i>Newburyport, Mass.</i> . . . . .	22 A. H.
Stanwood, Harold William . . . . .	<i>Rumford Falls</i> . . . . .	A. Δ. Φ. House.
Stetson, Rufus Edwin . . . . .	<i>Damariscotta</i> . . . . .	7 Federal St.
Thomas, Frank Howard . . . . .	<i>Brewer</i> . . . . .	A. Δ. Φ. House.
Timberlake, Philip Hunter . . . . .	<i>Lancaster, N. H.</i> . . . . .	70 Federal St.
Toole, Christopher, Jr. . . . .	<i>Bangor</i> . . . . .	26 A. H.
Weiler, Harold Charles . . . . .	<i>Houlton</i> . . . . .	16 A. H.
Weston, Nathan Simmons . . . . .	<i>Augusta</i> . . . . .	B. Θ. H. House.
Yeaton, Chester . . . . .	<i>Richmond</i> . . . . .	11 Pleasant St.

# Students

## SPECIAL STUDENTS

Name	Residence	Room
Chandler, James Mitchell . . .	<i>Jamaica Plain, Mass.</i> . . .	31 A. H.
Cony, Robert Alexander . . .	<i>Augusta</i> . . .	15 A. H.
Crowley, William Robert . . .	<i>Bangor</i> . . .	13 W. H.
Curtis, Ralph Augustus . . .	<i>Freeport</i> . . .	23 A. H.
Delavina, Fred Valentine . . .	<i>Portland</i> . . .	21 W. H.
Ellis, Harvey Anderson . . .	<i>Whitinsville, Mass.</i> . . .	16 W. H.
Files, Charles Edward . . .	<i>Cornish</i> . . .	Z. Ψ. House.
Greene, Charles Harlow . . .	<i>North Bridgton</i> . . .	10 M. H.
Gumbel, Lester . . .	<i>New Orleans, La.</i> . . .	5 W. H.
Ham, Arthur Harold . . .	<i>Livermore Falls</i> . . .	18 M. H.
Humphreys, Ernest Davis . . .	<i>Henderson</i> . . .	84 Federal St.
Jude, William Floyd . . .	<i>Ellsworth</i> . . .	31 W. H.
Kinsman, Charles Penny . . .	<i>Augusta</i> . . .	12 A. H.
Lamb, James Blaine . . .	<i>Lewiston</i> . . .	22 W. H.
Libby, Lawrence Leonard . . .	<i>Dexter</i> . . .	B. Θ. Π. House.
McGraw, Bernard James . . .	<i>Exeter, N. H.</i> . . .	5 W. H.
Mitchell, Carl Golder . . .	<i>Freeport</i> . . .	Z. Ψ. House
Mitchell, Harry Edward . . .	<i>Brunswick</i> . . .	254 Maine St.
Mudgett, John Eugene . . .	<i>Bangor</i> . . .	13 Pleasant St.
Richardson, Ralph Maurice . . .	<i>East Baldwin</i> . . .	70 Federal St.
Stone, Harold Edgar . . .	<i>Lisbon Falls</i> . . .	4 A. H.
Wight, Francis Pearl . . .	<i>Rockland</i> . . .	Z. Ψ. House.

## Medical Students

### FOURTH YEAR

Name	Residence	Room
Almy, Robert Lawton, Jr. . . .	<i>Salem, Mass.</i> . . .	* 776 Congress St.
Barker, Nat Bailey Twycross, A. B.	<i>Cedar Grove</i> . . .	299 Brackett St.
Beane, Charles Eugene Hill, A. B.	<i>Hallowell</i> . . .	775 Congress St.
Bragg, Jesse Somner, A. B. . . .	<i>St. Albans</i> . . .	299 Brackett St.
Clarke, Frank Wilson . . .	<i>Damariscotta</i> . . .	776 Congress St.
Day, DeForest Smith . . .	<i>Jefferson</i> . . .	30 Whitney St.
Files, Ernest Woodbury, A. B. . .	<i>Gorham</i> . . .	807 Congress St.
Folsom, Ernest Bertrand, A. B. . .	<i>Stroudwater</i> . . .	99 Westbrook St.

\* The residence of Third and Fourth Year students is in Portland unless otherwise stated.

# Bowdoin College

Name	Residence	Room
Gould, Arthur Lewis . . . . .	<i>Ellsworth</i> . . . . .	776 Congress St.
Harden, Don Leslie . . . . .	<i>Phillips</i> . . . . .	775 Congress St.
Hayden, Benjamin Franklin, A. B.	<i>South Portland</i> 631	Highland Avenue.
Hunt, Charles Henry, A.B. . . . .	<i>Portland</i> . . . . .	321 Brackett St.
Hunt, Harry Joseph, A.B. . . . .	<i>Bangor</i> . . . . .	96 Federal St.
O'Connor, John Christopher, B.S.	<i>Bradford, Mass.</i> . . . .	776 Congress St.
Pooler, James Edward . . . . .	<i>Waterville</i> . . . . .	775 Congress St.
Pritham, Fred John . . . . .	<i>Freeport</i> . . . . .	776 Congress St.
Russell, Daniel Frank Davis . . .	<i>Leeds</i> . . . . .	776 Congress St.
Sherman, Warren Hunter . . . . .	<i>Damariscotta</i> . . . . .	30 Whitney St.
Smith, Fred Milton . . . . .	<i>Portland</i> . . . . .	807 Congress St.

## THIRD YEAR

Name	Residence	Room
Barrows, Harris Clark, A.B. . . .	<i>Augusta</i> . . . . .	* 26 Arsenal St.
Davis, Arthur Osman . . . . .	<i>Bridgton</i> . . . . .	302 Bramhall St.
Davis, John Lewis . . . . .	<i>Portland</i> . . . . .	328 Fore St.
Derry, Louis Andrew, A.B. . . . .	<i>Portland</i> . . . . .	221 Federal St.
Ferren, Frank Leslie . . . . .	<i>W. Levant</i> . . . . .	46 Ellsworth St.
Fisher, Stanwood Elmer . . . . .	<i>Portland</i> . . . . .	26 Brackett St.
Ford, Leonard Harris, B.S. . . . .	<i>E. Eddington</i> . . . . .	46 Ellsworth St.
Gilbert, Percy Emerton, A.B. . . .	<i>Waterville</i> . . . . .	174 Neal St.
Ilsley, Harris Page . . . . .	<i>Limington</i> . . . . .	19 Deering Avenue
Larrabee, Scott Goddard . . . . .	<i>Scarboro</i> . . . . .	302 Brackett St.
Marks, Homer Elbridge . . . . .	<i>Portland</i> . . . . .	302 Brackett St.
Ridlon, Joseph Randall, A.B. . . .	<i>Gorham</i> . . . . .	302 Brackett St.
Roberts, Walter Joseph . . . . .	<i>Kennebunk</i> . . . . .	26 Arsenal St.
Ross, Atherton Monette . . . . .	<i>Phillips</i> . . . . .	26 Arsenal St.
Sampson, Harry William . . . . .	<i>Monson</i> . . . . .	120 Pleasant St.
Schriver, Alfred Herman . . . . .	<i>Middle Southampton, N. B.</i>	Portland.
Shaw, Adam Jr. . . . .	<i>Lowell, Mass.</i> . . . .	19 Deering Avenue.
Welch, Francis Joseph, A.B. . . .	<i>Portland</i> . . . . .	220 Danforth St.
Woodbury, Malcolm Sumner, A.B.	<i>Portland</i> . . . . .	156 Stevens Avenue.

\* The residence of Third and Fourth Year students is in Portland unless otherwise stated.

# Students

## SECOND YEAR

Name	Residence	Room
Dolloff, David Ernest . . . . .	<i>Monroe Brooks P. O.</i>	6 Cleaveland St.
Everett, Harold Josselyn, A.B. . . . .	<i>Portland</i> . . . . .	31 College St.
Foster, Ralph Waldo . . . . .	<i>Milbridge</i> . . . . .	185 Maine St.
Giddings, Harold Girard, A.B. . . . .	<i>Gardiner</i> . . . . .	7 A. H.
Hall, Herbert Wilder . . . . .	<i>Brooks</i> . . . . .	12 Everett St.
Hanson, Millard Parker . . . . .	<i>Bath</i> . . . . .	30 Cumberland St.
Keller, Benjamin Henry . . . . .	<i>Appleton</i> . . . . .	6 Cleaveland St.
Lewis, William Jerris . . . . .	<i>S. Framingham, Mass.</i>	12 Everett St.
Moore, Roland Banks . . . . .	<i>Portland</i> . . . . .	172 Maine St.
Newcomb, Charles Howard . . . . .	<i>Newburgh Village</i> . . . . .	6 Cleaveland St.
North, Charles David . . . . .	<i>Turner</i> . . . . .	6 Cleaveland St.
Pettingill, Olin Sewall . . . . .	<i>Wayne</i> . . . . .	185 Maine St.
Quinn, Hugh Francis, A.B. . . . .	<i>Bangor</i> . . . . .	7 W. H.
Ridlon, Magnus Gervise . . . . .	<i>Porter</i> . . . . .	13 Everett St.
Ross, Archabald Charles . . . . .	<i>Portland</i> . . . . .	Brunswick.
Rowe, William Thomas, A.B. . . . .	<i>Portland</i> . . . . .	23 W. H.
Sawyer, Alfred Loomis, A.B. . . . .	<i>Fort Fairfield</i> . . . . .	172 Maine St.
Saunders, Henry Clayton, A.B. . . . .	<i>Portland</i> . . . . .	23 W. H.
Sturgis, Karl Brooks . . . . .	<i>Auburn</i> . . . . .	179 Park Row.
Webber, Merton Ardeen . . . . .	<i>Fairfield</i> . . . . .	30 Cumberland St.
Webber, Millard Carroll . . . . .	<i>Fairfield</i> . . . . .	30 Cumberland St.
Whitmore, William Cotmore . . . . .	<i>Portland</i> . . . . .	2 Elm St.
Wyndham, Charles Arnold . . . . .	<i>Lisbon Falls</i> . . . . .	6 Cleaveland St.

## FIRST YEAR

Name	Residence	Room
Abbott, Henry Wilson . . . . .	<i>Waterville</i> . . . . .	7 Potter St.
Anderson, Hany Edward . . . . .	<i>S. Limington</i> . . . . .	179 Park Row.
Atwood, Harold Fisher . . . . .	<i>Norwood, Mass.</i> . . . . .	13 Everett St.
Bibber, Harold Thornton . . . . .	<i>Bath</i> . . . . .	335 Front St.
Bodwell, Ernest . . . . .	<i>Brunswick</i> . . . . .	24 Bowker St.
Buker, Edson Bayard . . . . .	<i>Waldoboro</i> . . . . .	84 Federal St.
Cox, James Francis . . . . .	<i>Houlton</i> . . . . .	7 A. H.
Crane, James Wilder . . . . .	<i>Whiting</i> . . . . .	13 Everett St.
Foster, George Adams . . . . .	<i>Bangor</i> . . . . .	10 W. H.
Garcelon, Harold Webb . . . . .	<i>Lewiston</i> . . . . .	26 A. H.
Geer, George Independence . . . . .	<i>Westbrook</i> . . . . .	12 Everett St.
Greene, John Adolph . . . . .	<i>Coplin</i> . . . . .	216 Maine St.



# Bowdoin College

Name	Residence	Room
Hasty, Willis LeRoy . . . . .	<i>Thorndike</i> . . . . .	8 Harpswell Place.
Marshall, Linn Bayard . . . . .	<i>Portland</i> . . . . .	12 Pleasant St.
McKay, Roland Lee . . . . .	<i>Bowdoinham</i> . . . . .	Bowdoinham.
Mullin, Seth Smith . . . . .	<i>Vinalhaven</i> . . . . .	1 W. H.
Percy, Samuel Watson . . . . .	<i>Bath</i> . . . . .	13 Everett St.
Precour, George Charles . . . . .	<i>Saco</i> . . . . .	12 Pleasant St.
Potter, John Garfield . . . . .	<i>Providence</i> . . . . .	13 Everett St.
Staples, Ivan . . . . .	<i>Limerick</i> . . . . .	179 Park Row.
Stewart, Ralph Carroll . . . . .	<i>New Vineyard</i> . . . . .	13 M. H.
Stone, George Henry . . . . .	<i>Portland</i> . . . . .	Θ. Δ. X. House.
Thayer, Harold Hamilton, A.B. . . . .	<i>S. Paris</i> . . . . .	179 Park Row.
Twaddle, Widd Browne . . . . .	<i>Bethel</i> . . . . .	13 Everett St.
Tucker, George Everett . . . . .	<i>Hyde Park, Mass.</i> . . . . .	10 W. H.
Whitney, Harlan Ronello . . . . .	<i>Standish</i> . . . . .	9 Cleaveland St.
Williams, Edmund Percy, A.B. . . . .	<i>Topsham</i> . . . . .	9 Cleaveland St.
Wilson, Charles Moore . . . . .	<i>Waterford</i> . . . . .	216 Maine St.
Woodruff, John Hamilton . . . . .	<i>Brunswick</i> . . . . .	262 Maine St.

# Instructors and Students

## Summary of Instructors and Students

### INSTRUCTORS

ACADEMICAL FACULTY . . . . .	21
MEDICAL FACULTY . . . . .	26
TOTAL . . . . .	47
NAMES COUNTED TWICE . . . . .	4
TOTAL . . . . .	43

### STUDENTS

#### ACADEMICAL DEPARTMENT

SENIORS . . . . .	63
JUNIORS . . . . .	61
SOPHOMORES . . . . .	74
FRESHMEN . . . . .	60
SPECIAL STUDENTS . . . . .	22
TOTAL . . . . .	280

#### MEDICAL SCHOOL

FOURTH YEAR . . . . .	19
THIRD YEAR . . . . .	19
SECOND YEAR . . . . .	23
FIRST YEAR . . . . .	29
TOTAL . . . . .	90
TOTAL . . . . .	370
NAMES COUNTED TWICE . . . . .	7
TOTAL IN THE INSTITUTION . . . . .	363

# Bowdoin College

## Appointments and Awards

### HONORARY COMMENCEMENT APPOINTMENTS

#### Class of 1904

##### Summa cum Laude

Cram, Marshall Perley	Dana, Samuel Trask
Bridgham, John Merrill	Griffin, Howard Cousens
Bryant, Myrton Andrew	Hathaway, Eugene Pablo Durant
Burpee, George William	Smith, Ralph Stanley

##### Magna cum Laude

Beane, Emery Oliver	Lowell, Clifford Elmer
Clark, Philip Maclean	Lunt, William Edward
Emerson, Chester Burge	Shorey, Arthur Carlton
Harper, Chester Truman	Wilder, Gerald Gardner

##### Cum Laude

Brigham, Ernest Lord	Frost, John William
Campbell, Gilman Hutchins	Grant, Clyde Franklin
Coan, William Frederick	Rowe, William Thomas
Cunningham, Theodore Woodman	Sargent, Fitz Edward
Everett, Harold Josselyn	Small, Edward Durgin
Spear, Austin Edward	

### CLASS OF 1868 PRIZE SPEAKING

#### Class of 1904

Brigham, John Merrill	Clark, Philip Maclean
Bryant, Myrton Andrew	Cram, Marshall Perley
Burpee, George William	Dana, Samuel Trask

# Appointments and Awards

## BRADBURY PRIZE DEBATE

### *Affirmative*

Pierce, Leonard Augustus  
Clark, Philip Maclean  
Campbell, Gilman Hutchins

### *Negative*

Harvey, Edwin La Forest  
Lunt, William Edward  
Porter, David Richard

### *Alternates*

Boody, Henry Philips

Kimball, George Everett

## SOPHOMORE PRIZE DECLAMATION

### Class of 1906

Andrews, Philip Roy  
Bartlett, James Austin  
Bavis, Chester Swan  
Boody, Henry Phillips  
Chapman, Henry Philip  
Chapman, Philip Freeland

Childs, Harry Leslie  
Clark, Walter Bradon  
Parcher, George  
Perry, Elmer  
Porter, David Richard  
Stetson, Harold Stanwood

## AWARDS IN 1904

GOODWIN PRIZE. Arthur Carlton Shorey

CLASS OF 1868 PRIZE. Myrton Andrew Bryant

PRAY ENGLISH PRIZE. Myrton Andrew Bryant

BROWN PRIZES FOR EXTEMPORANEOUS COMPOSITION. George William Burpee, first prize ; William Edward Lunt, second prize

SOPHOMORE DECLAMATION PRIZES. Harold Stanwood Stetson, first prize ; James Austin Bartlett, second prize

SEWALL LATIN PRIZE. Edward Carpenter Pope

SEWALL GREEK PRIZE. Edward Carpenter Pope

GOODWIN FRENCH PRIZE. John Sturgis Bradbury

NOYES POLITICAL ECONOMY PRIZE. Samuel Trask Dana

SMYTH MATHEMATICAL PRIZE. Stanley Perkins Chase, Cyrus Clyde Shaw

CLASS OF 1875 PRIZE IN AMERICAN HISTORY. John Edward Newton

## Bowdoin College

SPECIAL PRIZE IN EUROPEAN HISTORY. Divided between John Wingate Sewall, Jr. and William Haines Stone

HAWTHORNE PRIZE. Charles Poole Cleaves

BRADBURY DEBATE PRIZES. Edwin La Forest Harvey, William Edward Lunt, David Richard Porter

BROWN MEMORIAL SCHOLARSHIPS. Samuel Trask Dana, Class of 1904; Stanley Perkins Chase, Class of 1905; Philip Freeland Chapman, Class of 1906; Edward Augustin Duddy, Class of 1907

RHODES SCHOLAR. David Richard Porter.

CHARLES CARROLL EVERETT SCHOLARSHIP. William Morris Houghton, A.B., Class of 1903.

# Degrees Conferred in 1904

## Degrees Conferred in 1904

### BACHELOR OF ARTS

Archibald, Bernard	Lunt, William Edward
Beane, Emery Oliver	McRae, Merton Asa
Beverage, Henry Eugene	Martin, George Dudley
Bridgham, John Merrill	Mayo, Harold Elmon
Brigham, Ernest Lord	Merryman, Alphonso Clyde
Bryant, Myrton Andrew	Oakes, Herbert Henry
Burpee, George William	Packard, Cyrus Franklin
Byram, Frank Harold	Palmer, Harry Lane
Campbell, Gilman Hutchins	Powers, Wallace Merton
Chase, Millard Filmore	Purington, George Colby, Jr.
Chase, Thomas Emerson	Putnam, Fred Lysander
Clark, Philip Maclean	Roberts, Wilbur Garfield
Coan, William Frederick	Robinson, Harold Wood
Cram, Marshall Perley	Rowe, William Thomas
Cunningham, Theo. Woodman	Sargent, Fitz Edward
Dana, Samuel Trask	Saunders, Harry Clayton
Emerson, Chester Burge	Sawyer, Alfred Loomis
Everett, Harold Josselyn	Sexton, Walter Howard
Frost, John William	Shorey, Arthur Carlton
Gould, Will Day	Small, Edward Durgin
Grant, Clyde Franklin	Smith, Ralph Stanley
Griffin, Howard Cousens	Spear, Austin Edward
Harper, Chester Truman	Schneider, John Frederick
Hathaway, Eugene Pablo Durant	Trott, Harold Charles
Herms, Emil	Whitney, George Burgess
Hill, Galen Wentworth	Wilder, Gerald Gardner
Kimball, George Everett	Wildes, Walter Keene
Lowell, Clifford Elmer	

### Out of Course

Joseph Louville Bennett (as of the class of 1865)  
Alfred Cheney Cobb (as of the class of 1884)  
William Fernald Allen (as of the class of 1894)

# Bowdoin College

## MASTER OF ARTS

Gibeon Elden Bradbury (1902)

## DOCTOR OF MEDICINE

Bernard, Joseph Napoleon Gideon	Macdonald, John Bernard
Call, Ernest Victor, A.B.	McMillan, Archibald
Clason, Silas Oliver, A.B.	Magune, Frank Leroy
Cragin, Charles Langmaid, A.B.	Milliken, Harris James, A.B.
Dyer, John Small	Parker, Ralph Almeron, A.B.
Fuller, Edwin Motley, Jr., A.B.	Pratt, George Loring, A.B.
Gehring, Edwin Wagner, B.S.	Small, Harry Lester
Goss, Ralph Warren, A.B.	Stewart, Delbert Mason, A.B.
Hutchins, William Parker	Studley, George Willis Cole
Jones, Albert Mark, A.B.	Syphers, LeRoi Scott
Keene, Linwood Melrose	Tibbetts, Herman Kotzschmar

## Honorary Degrees

### MASTER OF ARTS

Wallace Humphrey White

### DOCTOR OF LETTERS

James Phinney Baxter	George Washington Cable
Bliss Perry	Mrs. George C. Riggs (Kate Douglas Wiggin)

### DOCTOR OF DIVINITY

John Carroll Perkins	Daniel Freeman Smith (1857)
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**BOWDOIN COLLEGE**



## FACULTY

WILLIAM DEWITT HYDE, D.D., LL.D., PRESIDENT, and  
*Professor of Mental and Moral Philosophy.*

HENRY LELAND CHAPMAN, D.D., *Professor of English Literature.*

LESLIE ALEXANDER LEE, PH.D., *Professor of Geology and Biology.*

FRANKLIN CLEMENT ROBINSON, LL.D., *Professor of Chemistry and Mineralogy.*

WILLIAM ADDISON HOUGHTON, A.M., *Professor of Latin.*

HENRY JOHNSON, PH.D., *Professor of French.*

FRANK EDWARD WOODRUFF, A.M., *Professor of Greek.*

GEORGE THOMAS LITTLE, LITT.D., *Librarian.*

WILLIAM ALBION MOODY, A.M., *Professor of Mathematics.*

CHARLES CLIFFORD HUTCHINS, A.M., *Professor of Physics.*

FRANK NATHANIEL WHITTIER, M.D., *Director of the Gymnasium, and Lecturer on Hygiene.*

GEORGE TAYLOR FILES, PH.D., REGISTRAR, and *Professor of German.*

WILMOT BROOKINGS MITCHELL, A.B., *Professor of Rhetoric and Oratory.*

ROSWELL CHENEY MCCREA, PH.D., RECORDER, and *Professor of Economics and Sociology.*

ROSCOE JAMES HAM, A.B., *Assistant Professor of Modern Languages.*

JOSEPH CLEAVELAND PEARSON, A.M., *Instructor in Physics and Mathematics.*

WILLIAM TRUFANT FOSTER, A.M., *Instructor in English and Argumentation.*

GUY HALL ROBERTS, PH.D., *Instructor in History.*

CHARLES THEODORE BURNETT, PH.D., ASSISTANT REGISTRAR, and *Instructor in Philosophy.*

MARSHALL PERLEY CRAM, A.B., *Assistant in Chemistry.*

ALPHONSO CLYDE MERRYMAN, A.B., *Assistant in Biology.*

# Bowdoin College

## Committees of the Faculty

CLASS OFFICERS. — *Senior*, Professor McCrea; *Junior*, Professor Ham; *Sophomore*, Mr. Pearson; *Freshman*, Professor Mitchell.

RECORDING. — Professor Lee, *Chairman*; Professors Files, McCrea, and Moody.

LIBRARY. — Dr. Little, *Chairman*; Professors Chapman, Johnson, Lee, and Dr. Roberts.

PUBLIC EXERCISES. — Professor Robinson, *Chairman*; Professor Lee and Dr. Little.

MUSIC. — Professor Woodruff, *Chairman*; Professors Hutchins and Chapman.

REGISTRATION. — Professor Mitchell, *Chairman*; Mr. Foster.

VISITORS TO PREPARATORY SCHOOLS. — Professor Files, *Chairman*; Professors Moody and Ham, and Mr. Foster.

ADVISORY COMMITTEE ON ATHLETICS. — Dr. Whittier, *Chairman*; Professor Moody.

## ADMISSION TO THE COLLEGE

### Subjects in which Examinations are held

Candidates for admission to the Freshman Class are examined in the following subjects :

#### ENGLISH

##### I. ENGLISH GRAMMAR AND COMPOSITION.

II. READING AND PRACTICE. The candidate will be required to present evidence of a general knowledge of the subject-matter of the books mentioned, and to answer simple questions on the lives of their authors. The examination will usually be the writing of a paragraph or two on each of several topics set in the paper given the candidate. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or

## Admission

the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books. The books for this part of the examination will be:

For 1905 — Shakespeare's "Merchant of Venice" and "Julius Cæsar;" the Sir Roger de Coverley Papers in the "Spectator;" Goldsmith's "Vicar of Wakefield;" Coleridge's "Ancient Mariner;" Scott's "Ivanhoe;" Carlyle's "Essay on Burns;" Tennyson's "Princess;" Lowell's "Vision of Sir Launfal;" George Eliot's "Silas Marner." After 1905, in this list of books prescribed for "reading and practice" Irving's "Life of Goldsmith," Scott's "Lady of the Lake," Shakespeare's "Macbeth," and Tennyson's "Gareth and Lynette," "Lancelot and Elaine," and "The Passing of Arthur" will take the places of Goldsmith's "Vicar of Wakefield," Carlyle's "Essay on Burns," Shakespeare's "Julius Cæsar," and Tennyson's "Princess."

In preparation for this part of the requirement, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

III. STUDY AND PRACTICE. This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure; and will also test the candidate's ability to express his knowledge with clearness and accuracy. The books for this part of the examination will be:

For 1905 — Shakespeare's "Macbeth;" Milton's "Lycidas," "Comus," "L'Allegro," and "Il Penseroso;" Burke's "Speech on Conciliation with America;" Macaulay's "Essays on Milton and Addison." After 1905, in this list of books prescribed for "study and practice" Macaulay's "Essay on Johnson" and Shakespeare's "Julius Cæsar" will take the places of Macaulay's "Essay on Milton" and Shakespeare's "Macbeth."

In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

# Bowdoin College

## MATHEMATICS

I. ALGEBRA. The requirement in Algebra embraces the following topics: All elementary processes necessary for the solution of simultaneous equations of the first degree; the statement and solution of problems leading to these equations; treatment of inequalities; doctrine of square and cube root; theory of exponents; radicals and imaginaries; solution of quadratics and equations in quadratic form by the method of completing the square, by factoring, and by a formula; discussion of the properties of quadratics; quadratics containing two unknown quantities, and the solution of problems leading thereto; ratio and proportion; arithmetical and geometric progressions; binomial theorem for positive integral exponents.

II. PLANE GEOMETRY. The requirement in Plane Geometry includes the theorems and exercises of the ordinary school text-book; mensuration of plane figures; and numerical problems based on the text. The candidate should be able to write formal demonstrations of simple original theorems.

III. ADVANCED ALGEBRA. The following subjects or their equivalents: Indeterminate equations, undetermined coefficients, binomial theorem, theory of limits, logarithmic series, solution of equations by synthetic division with necessary theorems, and graphs of quantities, with rational, or with not more than two irrational or imaginary roots.

IV. SOLID GEOMETRY, as represented by the ordinary college text-books. Candidates must readily solve problems of solid mensuration and demonstrate original theorems which may be easily deduced from the text.

V. PLANE TRIGONOMETRY as represented by the usual text-books. Candidates must be familiar with the theory and use of six-place logarithmic tables.

## LATIN

I. ELEMENTARY LATIN. The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts:

(a) The translation at sight of simple Latin prose and verse.

(b) A thorough examination on Cicero's second, third, and fourth

## Admission

speeches against Catiline, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Latin prose, involving the use of such words, constructions, and idioms only, as occur in the speeches prescribed.

II. ADVANCED LATIN. The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *four* school years. It will consist of two parts:

(*a*) The translation at sight of passages of Latin prose and verse, with questions on ordinary forms, constructions, and idioms, and on prosody.

(*b*) The translation into Latin prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Latin prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

## GREEK

I. ELEMENTARY GREEK. The examination will be adapted to the proficiency of those who, in addition to the course defined as suitable preparation for the examination in Elementary Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *two* school years. It will consist of two parts:

(*a*) The translation at sight of passages of simple Attic prose.

(*b*) A thorough examination on Xenophon's "Anabasis," Book II, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Attic prose, involving the use of such words, constructions, and idioms only, as occur in the portion of Xenophon prescribed.

II. ADVANCED GREEK. The examination will be adapted to the proficiency of those who, in addition to the course defined as a suitable preparation for the examination in Advanced Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts:

(*a*) The translation at sight of passages of Attic prose and of Homer, with questions on ordinary forms, constructions, and idioms, and on prosody.



## Bowdoin College

(*b*) The translation into Attic prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Greek prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

### FRENCH

I. ELEMENTARY FRENCH. Elements of French Grammar, as represented in amount by Fraser and Squair's "French Grammar and Reader," to page 161, and 150 pages of modern French Prose.

II. ADVANCED FRENCH. (*a*) French Grammar as represented in amount by Fraser and Squair's "French Grammar and Reader," pages 162-382. (*b*) French Prose Composition as represented, for example, by François's Introductory French Composition. (*c*) Ability to read at sight ordinary French prose or poetry. Those desiring guidance in the selection of suitable texts will find helpful the list given in Section XI, Report of the Committee of Twelve of the Modern Language Association of America, United States Bureau of Education. (*d*) Ability to write simple French sentences from dictation.

### GERMAN

I. ELEMENTARY GERMAN. (*a*) The translation at sight of simple German prose. (*b*) Questions intended to test the candidate's knowledge of elementary grammar. (*c*) The translation into German of simple English sentences, or of easy connected prose.

The examination in Elementary German presupposes a knowledge of the elements of German grammar as represented, for example, by Harris's "German Lessons," or Part I of Joynes-Meissner or Thomas's "German Grammar;" German Prose Composition as represented, for example, by Harris's "German Prose Composition," pages 10 to 50; and ability to read at sight ordinary German prose or simple poetry. Those desiring guidance in the selection of suitable texts will find helpful the list given in Section VIII, Report of the Committee of Twelve of the Modern Language Association, United States Bureau of Education.

II. ADVANCED GERMAN. (*a*) The translation at sight of ordinary German. (*b*) The translation into German of a connected pas-

## Admission

sage of English prose. (c) Direct questions to test candidate's proficiency in grammar.

The passage set for translation into English will be suited to the proficiency of those who have read, in addition to the work required for Elementary German, not less than 200 pages of classical and contemporary prose and verse.

### CHEMISTRY

General chemistry as represented by Remsen's "Introduction to Chemistry" or some other text-book of similar scope. Candidates must present note-books, certified by their instructors, in which are the results of their own experiments and full notes of processes; and not less than one-half of the time spent upon chemistry must have been given to laboratory work.

### PHYSICS

Physics as represented by Gage's "Elements of Physics" or other text-book of equal grade. Candidates must be able to solve numerical examples under the various sections; must have performed forty experiments from Hall and Bergen's text-book, and have kept a note-book containing a written description in their own language of their experiments, with all their calculations. These note-books must be certified by their instructors and presented at the examination.

### HISTORY (INCLUDING HISTORICAL GEOGRAPHY)

I. GREEK HISTORY. To the death of Alexander with due reference to Greek life, literature, and art.

II. ROMAN HISTORY. To 800 A.D. with due reference to government and institutions.

III. ENGLISH HISTORY. With special reference to social and political development.

IV. AMERICAN HISTORY. With special attention to the development of institutions and principles of civil government.

The examinations in these subjects will call for comparison of historical characters and periods, for summaries of institutional development, and in general for exercise of judgment as well as memory. A knowledge of historical geography, which will be tested by an outline

# Bowdoin College

map, is essential. The amount of collateral reading which has been done by the student will be taken into consideration. In general, all schools are urged to take steps to make their courses conform as far as possible to the recommendations of the Committee of Seven.

## Terms of Admission

The subjects which have been mentioned in the previous pages may be presented in satisfaction of the requirements for admission to the Freshman Class in Bowdoin College under the following conditions. The basis of the system is the work represented by a course pursued five hours per week for a period of thirty-eight weeks. Such a course counts two points.

I. A candidate for admission must offer subjects amounting in all to 26 points.

II. The following subjects aggregating 20 points are required :

English . . . . .	4
Latin . . . . .	8
Algebra . . . . .	4
Plane Geometry . . . . .	2
Roman History . . . . .	1
Greek, English, or American History . . . . .	1
	<hr/>
	20

III. Subjects amounting to 6 points must be elected from the following list :

Greek, Elementary . . . . .	4	Physics . . . . .	2
Greek, Advanced . . . . .	2	Advanced Algebra . . . . .	1
French, Elementary . . . . .	2	Solid Geometry . . . . .	1
French, Advanced . . . . .	2	Trigonometry . . . . .	1
German, Elementary . . . . .	4	Greek History . . . . .	1
German, Advanced . . . . .	2	American History . . . . .	1
Chemistry . . . . .	2	English History . . . . .	1

IV. If Elementary Greek is not presented, the candidate for admission must offer either Elementary French or Elementary German.

# Admission

## Methods of Admission

### ADMISSION BY EXAMINATION

The regular examinations for admission to college will be held in Massachusetts Hall, in Brunswick, on Thursday, Friday, and Saturday, June 22, 23, and 24, 1905, and on Monday, Tuesday, and Wednesday, September 25, 26, and 27, 1905. At the examinations in June, attendance is required at 1.30 P. M. on Thursday. At the examinations in September, attendance is required at 1.30 P. M. on Monday. The examinations are chiefly in writing. The Schedule for the examinations of either period will be sent on application.

EXAMINATIONS AT PREPARATORY SCHOOLS. Printed examination papers in certain of the subjects required for admission to college will be furnished to the principal of any high school or academy of good standing, having a regular college preparatory course of not less than three years in length, for the use of such of his students as propose to join the Freshman class at Bowdoin. In exceptional cases, the conduct of the examinations may, on the recommendation of the principal, be entrusted to some other person approved by the Faculty.

The following are the subjects in which papers will be sent : 1, English ; 2, Elementary Greek ; 3, Advanced Greek ; 4, Elementary Latin ; 5, Advanced Latin (two papers) ; 6, Algebra ; 7, Plane Geometry ; 8, Elementary French ; 9, Advanced French ; 10, Elementary German ; 11, Advanced German ; 12, Roman History ; 13, Greek History ; 14, English History ; 15, American History.

On each of the above subjects, except Advanced Latin, one paper is sent. In Advanced Latin there are two papers (Parts I and II), the second of which consists of Latin Composition.

No papers will be sent in either Advanced Mathematics, Chemistry, or Physics. The entrance examinations in these subjects can be taken only at Brunswick.

In holding entrance examinations elsewhere than in Brunswick, the following regulations are to be observed :

1. Papers are sent only in June. The dates for holding the examinations this year are June 8, 9, and 10. *Under no circumstances can papers be sent at any other dates.*

## Bowdoin College

2. Applications for papers, addressed to the Registrar, must be received *not later than June 5*, and should state the name of the school, the subjects in which papers are desired, and the number of students to be examined in each subject.

3. Printed examination papers, together with the requisite number of blue-books, will be sent to the principal by express, prepaid, in time for the examination. On the completion of the examination, the books are to be returned at once by express, at the expense of the college.

4. The examinations are to be conducted by the principal in conformity with a schedule of hours fixed by the college. Copies of the schedule can ordinarily be obtained by May 15, on application to the Registrar.

Examinations are also held at Thornton Academy, Saco; at Washington Academy, East Machias; at Fryeburg Academy; and at Lincoln Academy, Newcastle, these schools having been made special fitting schools for the college by the action of their several Boards of Trustees, in concurrence with the Boards of Trustees and Overseers of the college.

The entrance examinations may, if the candidate prefers, be divided between two or more successive years, or between June and September of the same year. In that case a certificate will be given for such subjects as are passed at each examination.

A report of the results of the examinations, whether at Brunswick or elsewhere, is made to the principal, and also to the candidate, within two weeks after Commencement.

### ADMISSION BY CERTIFICATE

In place of examinations, certificates will be received from preparatory schools in New England which have been approved by the New England College Entrance Certificate Board. This Board is an association of colleges established for the purpose of receiving, examining, and acting upon all applications of schools in New England which ask for the privilege of certification. The associated colleges are Amherst, Boston University, Bowdoin, Brown, Dartmouth, Mount Holyoke, Smith, Tufts, the University of Maine, and Wellesley. Certificates are in all cases passed upon by the individual college; but students are received on certificate from such schools only as have been approved by this Board. All schools desiring the

## Admission

certificate privilege should apply *before April 1st of each year* to the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, R. I. Blank certificates for admission to Bowdoin College may be had on application to the Registrar.

The certificates, issued as the result of examinations, which are held by the College Entrance Examination Board of the Middle States and Maryland, will be accepted in so far as they meet the requirements for admission to Bowdoin College.

### ADVANCED STANDING

Candidates for admission to the Sophomore, Junior, and Senior classes, who do not present certificates from other colleges, are examined in the studies already pursued by the class which they wish to enter, equivalents being accepted for the books and authors studied by the class. No one is admitted to the Senior Class after the beginning of the second semester. Applications for admission to advanced standing should be addressed to the Chairman of the Recording Committee (see p. 38).

### TESTIMONIALS AND CERTIFICATES

Testimonials of good moral character must in all cases be presented before tickets of admission are granted. A testimonial is preferred from the teacher under whom the preparatory course was completed. A student from another college, before he can be admitted, must present a certificate of honorable dismissal.

### BOND

A bond for two hundred dollars, with satisfactory sureties, must be filed with the Treasurer by every student on his admission to college, as security for the payment of his term bills and any other charges that may arise under the college laws. A blank form for this purpose will be given with the ticket of admission.

### SPECIAL STUDENTS

Persons who give evidence of maturity, earnestness of purpose, and adequate preparation will be allowed to pursue special studies in connection with the regular classes, without becoming matriculated members of the college. Applications for admission as special students should be addressed to the Chairman of the Recording Committee (see p. 38).



# Bowdoin College

## Required and Elective Studies

### REQUIRED STUDIES

In the Freshman year the following courses are required of all students: English 1, 2, French 1, 2 (or German 1, 2), Hygiene 1 (1st Semester), and Elocution 1 (2d Semester). In case a student offers both Elementary French and Elementary German for admission, an elective may be substituted in place of the required language.

In the Sophomore year, German is required of all students except those who offer either French or German (or both) for admission.

In addition, a course in Physical Training is required of all students from December first to April first in each of the four years.

### ELECTIVE STUDIES

All other courses, except those mentioned above, are elective, but subject to the following restrictions:

### REGULATIONS GOVERNING THE ELECTION OF STUDIES

1. All students, both Regular and Special, are required to take four (4) full courses in each Semester in addition to the required work in Physical Training and Hygiene.

2. All Regular students are required to take a fifth (5) course during any two (2) Semesters after Freshman year.

3. No student is allowed to elect more than one (1) extra course in any Semester, without the consent of the Faculty.

4. No student is allowed to elect courses involving a conflict of hours, except with consent of the Faculty.

5. Each student is required to arrange his course of study in conformity with the following requirements in regard to Major and Minor Subjects.

DEFINITION. A Major is a subject pursued for three (3) consecutive years. A Minor is a subject pursued for two (2) years.



## Required and Elective Studies

6. Each Regular student is required to have completed before graduation either

- I. One major and two minor subjects, or
- II. Two major subjects.

### SCHEDULE OF FRESHMEN COURSES

NOTE. The variety of subjects that may be offered in fulfilment of the requirements for admission necessitates the division of students into two groups, which in the following schedule of courses and in the description of courses of instruction are designated as follows:

Class I. Candidates for the degree of A.B. who offer Greek for admission.

Class II. Candidates for the degree of A.B. who offer other subjects than Greek for admission.

#### CLASS I.

(The numeral in parentheses indicates the number of hours per week.)

*Required Subjects:* Hygiene (1) First Semester, Elocution (1) Second Semester, English 1, 2 (4), and French 1, 2 (4), or German 1, 2 (4).

*Elective Subjects:* Choose two of the following, Mathematics 1, 2 (4), Latin 1, 2 (4), Greek 1, 2 (4), History 1, 2 (or 3, 4) under conditions.

#### CLASS II.

*Required Subjects:* Hygiene (1) First Semester, Elocution (1) Second Semester, English 1, 2 (4), and German 1, 2 (4), or French 1, 2 (4).

In case a candidate offers both French and German, an elective may be substituted in place of the required language.

*Elective Subjects:* Choose one from the following, Mathematics 1, 2 (4); Latin 1, 2 (4); and one of the following: Greek A B (4), French 3, 4 (3); Physics 1, 2 (3), Latin 1, 2 (4), or Mathematics 1, 2 (4), History 1, 2 (or 3, 4) under conditions.

Those who elect Physics 1, 2 in Freshman year must also elect Mathematics 1, 2; and those who elect Physics 1, 2 in Sophomore year, must have taken Mathematics 1, 2 in the Freshman year.

# Bowdoin College

*Elective Subjects for those who offer both Elementary and Advanced German for admission:* Choose one of the following: Mathematics 1, 2 (4), Latin 1, 2 (4); and one of the following: Greek A, B, (4), Physics 1, 2 (3), Latin 1, 2 (4), Mathematics 1, 2 (4), German 3, 4 (3), or History 1, 2 (or 3, 4 in alternate year) (4).

## Courses of Instruction

### GREEK

PROFESSOR WOODRUFF

1. Selections from Xenophon ("Memorabilia" or "Cyropaedia") or Lysias, with review of grammar, weekly exercise in translating into Greek, and practice in reading at sight; followed by the "Odyssey." First Semester: Monday, Tuesday, Friday, 1.30.

2. The "Odyssey" continued, with topics on the life and art of the Homeric age; followed by the Gospel of Mark, with study of the life and institutions of Palestine in New Testament times. Second Semester: Monday, Tuesday, Friday, 1.30.

Courses 1 and 2 are elective for Freshmen, Class I.

3. Introduction to Dramatic Poetry, with study of the origin and development of the Greek drama and the construction and usages of the Greek theatre, together with the reading of one or more of the following plays: Euripides' "Alcestis," "Medea," "Hippolytus," and "Iphigenia in Tauris"; in alternation with the Lyric Poets. First Semester: Monday, Wednesday, Friday, 11.30.

3a. Dramatic Poetry, in alternation with the Lyric Poets, as described under 3. Half course, First Semester: two hours, at the convenience of instructor and students.

4. Dramatic Poetry continued. Two or more of the following plays will be read: Sophocles' "Antigone," and "Oedipus the King"; the "Agamemnon," and "Prometheus Bound" of Aeschylus; the "Frogs," and "Clouds of Aristophanes"; in alternation with Herodotus. Second Semester: Monday, Wednesday, Friday, 11.30.

4a. Dramatic Poetry, in alternation with Herodotus, as described under 4. Half course, Second Semester: two hours, at the convenience of instructor and students.

Courses 3, 3a, 4, and 4a are elective for students who have taken Courses 1 and 2.

## Courses of Instruction

5. Plato's "Apology" and "Crito," with selected passages from the "Phaedo" and other dialogues; in alternation with Aeschylus and Aristophanes. First Semester: two hours, at the convenience of instructor and students.

6. Demosthenes "De Corona," with the history of the development of Greek oratory; in alternation with Thucydides and Lucian. Second Semester: two hours, at the convenience of instructor and students.

Courses 5 and 6 are elective for students who have taken Courses 3 and 4, or 3a and 4a. These courses may be elected for two successive years.

7. Teachers' Course, a half course for students who expect to teach Greek. Includes a review of the fundamentals of Greek grammar with especial attention to syntax, a study of selected passages from Xenophon and Homer, and discussion of text-books and methods of teaching. Second Semester: two hours, at the convenience of instructor and students.

Course 7 is elective for Seniors.

## LATIN

PROFESSOR HOUGHTON

1. Selections from the prose authors, chiefly Livy. Latin composition. First Semester: Div. A, Tuesday, Saturday, 11.30, Thursday, 9.30. Div. B, Tuesday, Thursday, Saturday, 10.30.

2. Selections from the poets, chiefly Horace and Ovid. Roman literary history. Second Semester: Div. A, Tuesday, Saturday, 11.30, Thursday, 9.30. Div. B, Tuesday, Thursday, Saturday, 10.30.

Courses 1 and 2 are elective for Freshmen.

3. Roman Comedy: Plautus and Terence. Idiomatic rendering of the colloquial language and metrical reading of the text. First Semester: Tuesday, Thursday, Saturday, 8.30.

3a. Roman Comedy: Plautus and Terence. Half course. First Semester: two hours at the convenience of the instructor and students.

4. Roman Satire: Horace and Juvenal, with comparison of Lucilius, Persius, and Petronius. The private life of the Romans, and the social

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conditions of the first century of the Empire. Second Semester: Tuesday, Thursday, Saturday, 8.30.

4a. Roman Satire. Half course. Second Semester: two hours, at the convenience of the instructor and students.

Courses 3, 3a, 4, 4a, are elective for those who have taken Courses 1 and 2.

[5. Roman Letter-writing: Cicero and Pliny the younger, the history of the last twenty years of the Republic and of the period of Domitian, Nerva, and Trajan. First Semester: two hours.]

[6. Tacitus: Annals (I-VI or XI-XVI), and Suetonius (Augustus and Tiberius, or Claudius and Nero). Second Semester.]

Courses 5 and 6 are omitted in 1904-1905.

7. Seneca: selections from the prose works and tragedies. The Latin of the Silver Age. First Semester: two hours, at the convenience of the instructor and students.

[8. Lucretius, or Tibullus and Propertius. Second Semester.] Omitted in 1904-1905.

[9. Cicero "De Oratore," Book I, or Quintilian, Book X. Latin writing. First Semester.] Omitted in 1904-1905.

10. Roman Epics. Vergil and Lucan, with comparison of Statius, Valerius Flaccus, and Silius Italicus. Second Semester: two hours, at the convenience of instructor and students.

Half-courses 5, 6, 7, 8, 9, 10, are elective for Juniors and Seniors who have taken Courses 3 and 4, or 3a and 4a, and for others in special cases.

11. Teachers' Course. Designed for those who expect to teach Latin in secondary schools. Aims and methods of classical study. Practice in pronunciation, translation, and composition. Preparatory authors treated from the teacher's point of view. First Semester: three hours, at the convenience of instructor and students.

Course 11 is elective for Seniors.

## FRENCH

PROFESSOR JOHNSON; ASSISTANT PROFESSOR HAM

1. Grammar, composition, and translation of simple texts. First Semester: Div. A, Monday, Wednesday, Friday, 8.30. Div. B, Monday, Wednesday, Friday, 9.30.

## Courses of Instruction

2. Grammar, composition, and translation of modern prose. Second Semester: Div. A, Monday, Wednesday, Friday, 8.30. Div. B, Monday, Wednesday, Friday, 9.30.

ASSISTANT PROFESSOR HAM.

French 1 and 2 are required of all Freshmen and other first-year students who have not received credit in Elementary French for admission.

5. Literature of the Eighteenth and Nineteenth Centuries. Lesage to Taine. Dictations. Written reports, fortnightly, on outside reading as follows: Lesage, "Gil Blas," ed. by Cohn and Sanderson; B. de St. Pierre, "Paul et Virginie"; and H. Taine, "Les Origines," ed. by Edgren. First Semester, Monday, Wednesday, Friday, 10.30.

6. Literature of the Classical Period, Corneille to Fénelon. Dictations. Written reports, fortnightly, on outside readings, as follows: Corneille, "Le Cid"; Molière, "Le Misanthrope"; and Racine, "Athalie." Second Semester, Monday, Wednesday, Friday, 10.30.

PROFESSOR JOHNSON.

The class-room work in Courses 5 and 6 consists mainly of the study of selections from the great writers of modern French literature and the critical estimation of the same by French and English authors. The general currents of contemporaneous English and continental thought are noted, and especially the points of international contact. Courses 5 and 6 are open to students who have passed in Courses 1 and 2, or who present their equivalent.

7. Literature and Literary Criticism of the Nineteenth Century, Chateaubriand to Hugo. Written reports, fortnightly, on outside reading, as follows: Chateaubriand, "Extraits," ed. by Sanderson, and the poems of Lamartine, De Vigny, and Hugo, as given in Canfield's "French Lyrics." Written translations of French poems are also required. The class-room work includes the study of at least one complete prose work of Chateaubriand, De Vigny, and Victor Hugo. First Semester: Monday, Wednesday, Friday, 11.30.

8. Continuation of Course 7, Mérimée to Rostand. Written Reports on outside reading, covering the poems of Musset, Gautier, Lecoute de Lisle, Hérédia, Sully Prudhomme, and Coppée, as given

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in Canfield. The class-room work includes the study of a complete work of Mérimée, Balzac, and Rostand. Second Semester: Monday, Wednesday, and Friday, 11.30.

PROFESSOR JOHNSON.

Courses 7 and 8 are open to all students who have done work of the scope of that in Courses 5 and 6. The courses form a part of a consecutive series of three years' work in which the seventeenth, eighteenth, and nineteenth centuries are taken up in detail. Courses 9 and 10 on the eighteenth century will be given in 1905-1906. Courses 11 and 12 on the seventeenth century will be given in 1906-1907.

## GERMAN

PROFESSOR FILES; ASSISTANT PROFESSOR HAM

1. Grammar. First Semester: Div. A, Monday, Tuesday, Thursday, Friday, 1.30. Div. B, Monday, Tuesday, Thursday, Friday, 2.30.

2. Grammar. Translation of modern German prose. Prose composition. Second Semester: Div. A, Monday, Tuesday, Thursday, Friday, 1.30. Div. B, Monday, Tuesday, Thursday, Friday, 2.30.

ASSISTANT PROFESSOR HAM.

Courses 1 and 2 are required of Freshmen who offer French for admission, and of all Sophomores who have not previously taken these courses or an equivalent.

3. Prose Composition and Reading. Fiction and Drama of the Nineteenth Century: Sudermann, Hauptmann, Fulda, and others. Advanced Prose Composition. First Semester: Tuesday, Thursday, Saturday, 10.30.

4. Prose Composition and Reading. Course 3 continued. The second half-year is devoted more particularly to prose composition. Second Semester: Tuesday, Thursday, Saturday, 10.30.

PROFESSOR FILES.

Courses 3 and 4 are elective for those students who have taken 1 and 2 or an equivalent. They are intended primarily for students who propose to study the language a third year (German 7, 8, or 9, 10) and give abundant practice in prose composition and in reading the German. Reports upon sight reading in assigned texts are also demanded.



## Courses of Instruction

[5. Fiction of the Nineteenth Century. A course in rapid reading. First Semester.] Omitted in 1904-1905.

[6. Scientific and Historical German. A continuation of Course 5. Second Semester.] Omitted in 1904-1905.

### PROFESSOR FILES.

Courses 5 and 6 are given parallel with Courses 3 and 4 and may be elected in the same year. While Courses 5 and 6 are designed to give abundant practice in reading modern German to those who do not wish to continue the study of German a third year, they also furnish an additional reading course for those students who desire a more extensive study of the language in the following year when taken in connection with Courses 3 and 4. These courses are elective for those who have completed Courses 1 and 2 or an equivalent.

7. History of German Literature to the Nineteenth Century. Lectures and collateral reading. First Semester: Tuesday, Thursday, Saturday, 11.30.

8. History of German Literature to the Nineteenth Century. Continuation of Course 7. Second Semester: Tuesday, Thursday, Saturday, 11.30.

### PROFESSOR FILES.

Courses 7 and 8 are elective for students who have taken Courses 1, 2 and 3, 4 or equivalents. They are designed to give a careful survey of the history of German literature from the earliest times to the nineteenth century. The lectures are in German. In addition, a large amount of collateral reading is required both in assigned texts in periods which are being studied and in histories of German literature.

9. Goethe's Life and Works. Reading from the Poems, "Götz von Berlichingen," and "Egmont." First Semester: Tuesday, Thursday, Saturday, 9.30.

10. Continuation of Course 9. Reading: "Faust I" and selections from "Faust II." Second Semester: Tuesday, Thursday, Saturday, 9.30.

### PROFESSOR FILES.

Courses 9 and 10 are elective for those students who have studied German three years or, in exceptional cases, two years. The courses are offered to provide an opportunity for more intensive study to those who are particularly interested in the language and the subject. The author to be studied will be changed from year to year.



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## SPANISH

ASSISTANT PROFESSOR HAM

1. Grammar, composition, and reading. First Semester: Monday, Wednesday, Friday, 11.30.

2. Continuation of Course 1. Reading of modern prose. Second Semester: Monday, Wednesday, Friday, 11.30.

The courses in Spanish may be counted towards the degree of A.B. only when both are elected in the same year. They are elective for Juniors and Seniors, and, with the consent of the instructor, for Sophomores.

## ENGLISH LITERATURE

PROFESSOR CHAPMAN

1. (a) Augustan Literature. Text-book and lectures. (b) English Romantic Movement. Text-book and lectures. First Semester: Monday, Wednesday, Friday, 9.30.

2. (a) Poets of the Nineteenth Century. Readings, text-book, and lectures. (b) American Literature. Text-book and lectures. Second Semester: Monday, Wednesday, Friday, 9.30.

Courses 1, and 2, form a consecutive course throughout the year. They are elective for Juniors and Seniors.

3. (a) Early English Literature. Lectures, with special study of "Beowulf" and the "Vision of Piers Plowman." (b) Chaucer and the Early Elizabethans. Lectures and readings. First Semester: Tuesday, Thursday, Friday, 1.30.

4. (a) Shakespeare. Study of Select Plays. (b) Seventeenth-Century Literature. Bunyan, Brown, Walton, Milton, and Dryden. Second Semester: Tuesday, Thursday, Friday, 1.30.

Courses 3 and 4 form a consecutive course, but either course may be taken without the other. They are elective for Seniors.

# Courses of Instruction

## RHETORIC AND ORATORY

PROFESSOR MITCHELL ; MR. FOSTER

### ENGLISH

1. Genung's "Practical Rhetoric." A study of diction and of the structure of the sentence and the paragraph. Recitations, lectures, readings; written work with conferences, six long themes and occasional page themes; outside reading: "The Jungle Book," "Will o' the Mill," "Henry Esmond," "The Golden Treasury," "Henry IV." First Semester: Div. A, Tuesday, Thursday, Friday, Saturday, 10.30. Div. B, Tuesday and Friday, 11.30; Thursday and Saturday, 9.30.

2. A continuation of the work in Course 1. A study of the theme as a whole introductory to the more detailed study of exposition, description, narration, and argumentation in Courses 3, 4, and 6. Recitations, lectures, readings: written work with conferences, five long themes and occasional page themes; outside reading: "Twice Told Tales," "David Copperfield," "Henry V," "Franklin's Autobiography," "Treasure Island." Second Semester: Div. A, Tuesday, Thursday, Saturday, 10.30. Div. B, Tuesday, 11.30: Thursday and Saturday, 9.30.

PROFESSOR MITCHELL.

Courses 1 and 2 are required of all Freshmen.

3. Wendell's "English Composition." A study of exposition, description, and narration. Lectures, recitations; written work with conferences, seven long themes, daily themes; outside reading: "The Scarlet Letter," "Hamlet," "Memories and Portraits," Lincoln's "Speeches," "Essays on Clive and Hastings." First Semester: Tuesday, Thursday, Saturday, 11.30.

4. Dawson's "Makers of Modern Prose." A rhetorical study of modern prose writing. A study of the lives and writings of Macaulay, Lamb, Landor, De Quincey, Carlyle, Ruskin, and Newman. Frequent criticisms and reports on outside reading; occasional page themes; one long essay. Outside reading: selections from authors studied in the text-book. Second Semester: Tuesday, Thursday, Saturday, 11.30.

MR. FOSTER.

Courses 3 and 4 are elective for Sophomores, Juniors, and Seniors.

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5. Public Speaking. Informal lectures; drill in articulation, intonation, and gesture; short declamations with criticism by students and instructor; longer declamations, previously rehearsed to the instructor, spoken before the class. Second Semester: Div. C, Friday, 8.30. Div. E, Friday, 9.30. Div. D, Friday, 10.30. Div. F, Friday, 11.30. PROFESSOR MITCHELL.

Course 5 is required of all Freshmen.

6. Argumentation and Debating. Study of masterpieces of forensic oratory. Preparation of briefs and forensics. Conferences. Lectures. Debates. Baker's "Principles of Argumentation." First Semester.

For the debates the men are divided in two sections of about twenty-four each. Four principal disputants are appointed for each debate, and students are required to speak frequently from the floor. The section meetings are held in Hubbard Hall on Monday and Tuesday evenings, 7 to 9.30. The whole class meets at one other hour each week. Each debate is followed by the criticism of the class and of the instructor. Elective for Seniors, Juniors, and, with the consent of the instructor, for Sophomores.

7. Debating and the Forms of Public Address. Continuation of Course 6. Study of the Letter, Eulogy, Editorial Article, Commemorative Address, After-dinner Speech. Baker's "The Forms of Public Address." Second Semester. MR. FOSTER.

Elective for those who have passed in Course 6.

Themes. During the First Semester six themes of not less than five hundred words each are required of all Sophomores not taking English 3, and during the Second Semester five themes of all Sophomores not taking Course 4. PROFESSOR MITCHELL.

### EDUCATION

MR. FOSTER

1. Introduction to the Study of Educational Theories and Practices. Recitations, required reading, lectures, reports. Second Semester: Three hours each week.

This course treats education as a vital function of society, and aims to acquaint the student with sources of material and with

## Courses of Instruction

such general principles as may stimulate and guide further study. The scope and character of the work may be judged by the following topics: The aims, scope, and methods of education; the special functions of elementary and secondary education; correlation of studies; school hygiene; the relation of psychology and ethics to education; moral and religious education; adaptation to the individual.

[2. The General History of Education. The Development of Schools and School Systems. Discussion of Contemporary Problems and Tendencies. Lectures, required reading, theses, reports on school visiting.] Omitted in 1904-1905.

These courses are planned to satisfy the requirements of those States and cities which demand the professional training of teachers; but the courses are not intended primarily for teachers. Rather they aim to be of value to the parent, the citizen, the educated individual in any community. In Course 2 a limited number of students with high scholarship will have opportunities to teach under the direction and criticism of the instructor. Philosophy 1 is recommended as preparation for the courses in Education. Elective for Seniors and Juniors.

### PHILOSOPHY

PRESIDENT HYDE; DR. BURNETT

1. Psychology. Text-book. Lectures and quizzes. Supplementary reading and a thesis. First Semester: Tuesday, Thursday, Saturday, 8.30.

The aim of this course is to acquaint the student with the facts and the principles of experience so far as experience is dependent upon human nature. The connection between mental events and the functions of the nervous system is traced, and the more important anatomical facts of sense organs and brain demonstrated, as far as possible, by the use of models. The phenomena of hypnotism and insanity are considered for the light that they throw upon the normal constitution of mind. The subject-matter is treated from the point of view of natural science and in close dependence upon the results of experimental investigation. Where possible, class-demonstrations are employed. Elective for Juniors and Seniors, and, with the consent of the instructor, for Sophomores.

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[2. History of Philosophy. Text-book and lectures, with quizzes, outside reading, and short papers. Second Semester: three hours a week.] Omitted in 1904-1905. DR. BURNETT.

The object of this course is the training of the student in philosophical inquiry by guiding him along the path through which the occidental mind has arrived at more and more fruitful results in reflecting upon the meaning of its deeds and purposes; and upon the significance of the natural world with which it deals. The assumption is that the beginner in philosophy very naturally recapitulates in the history of his private reflection its successive stages in the race. Elective for Juniors and Seniors, and, with the consent of the instructor, for Sophomores.

3. Introduction to Philosophy. The problems of Nature, Mind, Ontology, Cosmology, Theory of Knowledge, and Philosophy of Religion; with critical discussion of the proposed solutions: Materialism, Spiritualism, Dualism, Pluralism, Creation, Evolution, Realism, Idealism, Panpsychism, and Theism. First Semester: Monday, Wednesday, Friday, 8.30.

Elective for Juniors and Seniors.

4. Ethics. Reading of Plato's "Republic," Aristotle's "Ethics," Mill's "Utilitarianism," and Spencer's "Data of Ethics." Discussion of Hedonistic, Intuitionist, and Idealistic theories. Application of ethical principles to the conduct of life. Second Semester: Monday, Wednesday, Friday, 8.30. PRESIDENT HYDE.

Elective for Juniors and Seniors.

5. Practice Course in Experimental Psychology. Second Semester: two laboratory periods of two hours each.

DR. BURNETT.

The object of this course is training in methods of investigation, with special reference to their particular application to the science of psychology. To this end the experiments of pioneer investigators are repeated, and some of the problems of the special senses, of apperception, association, feeling, volition, attention are worked over in their wake. Constant attention is paid to the correlations between the psychical phenomena and the events in the nervous system. The laboratory work is guided and supplemented by frequent lectures on methods of work, on the physiological basis of the psychi-

## Courses of Instruction

cal facts, the position of the results of the daily experimental work in the system of the science, and the present condition of experimentation in its several fields. Course 2 is presupposed.

[6. Special Laboratory Investigations. Full course.] Omitted in 1904-1905. DR. BURNETT.

This course admits a few well equipped students to assist the instructor in the conduct of original investigations. It presupposes Courses 2 and 5.

[7. Advanced Psychology. Lectures and quizzes. Outside reading, short papers, and a thesis. Half course. Second Semester: Three hours a week.] Omitted in 1904-1905. DR. BURNETT.

This course proposes the consideration of the fundamental presuppositions that underlie the science. To this end it inquires into the nature and value of human knowledge. It presupposes Course 2.

[8. Philosophy of Idealism. Lectures and quizzes, with short papers and a thesis. Half course. First Semester: Three hours a week.] Omitted in 1904-1905. DR. BURNETT.

This course aims at the intensive study of a particular philosophical system and the application of its method in the attempted solution of the problems arising in a philosophical survey of the universe. The work of some important idealistic philosopher will be used as a text and discussed in detail. Course 1 or 3 is presupposed.

NOTE. The more advanced courses outlined above indicate an attempted enlargement of the work of the department. They will be offered as soon as students become qualified. Those intending to make Philosophy a major or minor subject are advised to elect two courses not later than Junior year.

## HISTORY AND POLITICAL SCIENCE

DR. ROBERTS

[1. History of England to the Close of the Middle Ages. First Semester: Monday, Wednesday, Friday, 1.30.]



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[2. History of England since the Close of the Middle Ages. Second Semester: Monday, Wednesday, Friday, 1.30.]

Courses 1 and 2 form a consecutive course throughout the year. Course 2 must be preceded by Course 1 unless by special permission of the instructor. In addition to lectures and recitations, required readings will be assigned. Special attention will be paid to historical geography, and maps will be drawn by each member of the class. Course 1 and 2 are given in alternation with Courses 3 and 4. They are elective for Sophomores, Juniors, and Seniors. Omitted in 1904-1905.

3. History of Europe to the Close of the Middle Ages. First Semester: Monday, Wednesday, Friday, 1.30.

4. History of Europe since the Close of the Middle Ages. Second Semester: Monday, Wednesday, Friday, 1.30.

Courses 3 and 4 are governed by the same rules as Courses 1 and 2.

5. History of America to 1789. The following books are used in the course: Thwaite's "The Colonies," MacDonald's "Select Charters" and "Select Documents," Sloane's "French War and American Revolution," Fiske's "Critical Period" and Lodge's edition of "The Federalist." Special reports involving collateral reading will be required. First Semester: Monday, Wednesday, Friday, 8.30.

6. History of the United States, 1789-1865. The following books are used in the course: Johnston's "American Politics," MacDonald's "Select Documents," Lodge's "Alexander Hamilton," Burgess's "The Middle Period," Von Holst's "John C. Calhoun." Special reports involving collateral reading will be required. Second Semester: Monday, Wednesday, Friday, 8.30.

Courses 5 and 6 are elective for Juniors and Seniors. It is advisable that Course 6 should be preceded by Course 5.

7. English and American Governments. A brief survey of the English government will be taken preparatory to a more extended study of American national, state, and municipal government. The following books will be used: Courtney's "Working Constitution of the United Kingdom," Bryce's "American Commonwealth," and Hart's "Actual Government." Collateral reading and reports of lead-



## Courses of Instruction

ing constitutional cases will supplement the lectures. First Semester: Monday, Wednesday, Friday, 9.30.

This course will be open only to those who have taken Courses 5 and 6 or an equivalent.

8. Continental European Governments. After a brief historical sketch of the development of these governments, a study is made of their structure and actual working. Lowell's "Governments and Parties of Continental Europe" is used. Collateral reading will supplement the lectures. Second Semester: Monday, Wednesday, Friday, 9.30.

Course 8 is given in alternation with Course 9.

[9. International Law and Diplomatic History of the United States. In this course the rules governing the relations of nations in times of peace, war, and neutrality, will be studied. The diplomatic history of the United States will be drawn upon for illustrations of the application of these rules. Hall's "International Law" will be used. Reports, written or oral, at the discretion of the instructor will be required. Second Semester: Monday, Wednesday, Friday, 9.30.] Omitted in 1904-1905.

Course 9 is given in alternation with Course 8. This course is open to those who have taken Courses 5 and 6 or an equivalent.

## ECONOMICS AND SOCIOLOGY

PROFESSOR MCCREA

1. Elementary Economics. A general introduction to the subject, based on Seager's "Introduction to Economics." Lectures and discussion of text-books. First Semester: Tuesday, Thursday, Saturday, 9.30.

Elective for Sophomores, Juniors, and Seniors.

2. Finance. Money, Banking, and Public Finance, with especial reference to the United States. Lectures, text-books, and collateral reading. Second Semester: Tuesday, Thursday, Saturday, 9.30.

Elective for Sophomores, Juniors, and Seniors who have taken Course 1.

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3. Transportation. Railway Transportation and Ocean Shipping, with especial reference to the United States. First Semester: Tuesday, Thursday, Saturday, 11.30.

4. Economic and Social Problems. The Growth of Monopolies and Trusts; the relations between Capital and Labor; Labor Unions; Socialism. Second Semester: Tuesday, Thursday, Saturday, 11.30.

Courses 3 and 4 are elective for Juniors and Seniors who have taken Course 1.

5a. Economic Theory. The development of economic theory, especially in England, to 1848. Emphasis is placed on the relation of economic theory to contemporary economic conditions. Lectures, reports and discussion of assigned readings. First Semester: Tuesday, Thursday, Saturday, 10.30.

[5b. Economic Theory. A study of recent contributions to economic theory. Lectures, reports, and discussion of assigned readings. First Semester: Tuesday, Thursday, Saturday, 10.30.] Omitted in 1904-1905.

Course 5b will be given in alternation with Course 5a, of which it is a continuation. Both are elective upon consultation with the instructor for Juniors and Seniors who have taken Course 1.

6. Sociology. The Subject-matter of Sociology; the Nature of Society; Theories of Social Evolution; Possibilities of Social Improvement. Second Semester: Tuesday, Thursday, Saturday, 10.30.

Elective for Juniors and Seniors who have taken Course 1.

## MATHEMATICS

PROFESSOR MOODY; MR. PEARSON

1. Algebra and Solid Geometry. An introduction to graphic algebra accompanies a review of portions of the preparatory algebra, and is followed by selected topics from series and limits, indeterminate equations, undetermined coefficients, binomial theorem, choice and higher equations. This portion of the work closes before the holiday vacation, and the remainder of the Semester is given to solid geometry with mensuration and original theorems. First Semester: Monday, Tuesday, Wednesday, Friday. Div. A and C, 9.30. Div. B and D, 8.30.

## Courses of Instruction

2. Logarithms and Trigonometry. Elements of the theory of logarithms: trigonometry of the right triangle; practice with four-place tables in solving examples from algebra and geometry and simple problems of heights and distances. Demonstration of fundamental formulas for all angles, and proof of exercises drawn therefrom; the theory and use of six-place logarithmic tables; the solution of oblique triangles, with problems and applications. Second Semester: Monday, Tuesday, Wednesday, Friday. Div. A and C, 9.30; Div. B and D, 8.30.

PROFESSOR MOODY AND MR. PEARSON.

Courses 1 and 2 are elective under certain conditions for all Freshmen except those who pass in these subjects at the entrance examinations or who elect Physics during Freshman or Sophomore year (see p. 49). Brief optional courses are given each Semester respectively, in advanced algebra or elementary modern geometry, and surveying.

3. Trigonometry and Analytic Geometry. A brief introduction to spherical trigonometry and the completion of Ashton's "Analytic Geometry," with additional work on familiar higher plane curves. First Semester: Monday, Wednesday, and Friday, 11.30.

4. Calculus. Selected topics from Byerly's "Differential Calculus," with additional work in application to problems and in curve tracing. Double and triple integration for surfaces and volumes. Second Semester: Monday, Wednesday, and Friday, 11.30.

PROFESSOR MOODY.

Courses 3 and 4 are elective for those who have taken Courses 1 and 2 or an equivalent.

5 and 6. Integral Calculus and Elliptic Functions. Byerly's "Integral Calculus," with lectures and collateral reading. First and second Semesters: Tuesday, Friday, 1.30; Thursday, 9.30.

[7 and 8. Modern Methods in Pure and Analytic Geometry.] Omitted in 1904-1905.

PROFESSOR MOODY.

Courses 5 and 6 form a consecutive course throughout the year, and are given in alternation with Courses 7 and 8. They are elective for those who have taken Courses 1 to 4 inclusive or their equivalents.

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10. Advanced Algebra. Theory of equations continued from Course 1. Second Semester: three hours, at the convenience of instructor and students. PROFESSOR MOODY.

Intended for students who wish a further knowledge of algebra, but do not intend to take the more advanced courses in Mathematics.

## PHYSICS AND ASTRONOMY

### PHYSICS

PROFESSOR HUTCHINS; MR. PEARSON

1. Elementary Physics. Lectures and laboratory work. Mechanics, Heat, and Magnetism. First Semester: Monday, Wednesday, Friday, 8.30 to 10.30.

2. Electricity, Sound, and Light. Lectures and laboratory work. Hastings and Beach's "General Physics" is used for reference and as text-book. Second Semester: Monday Wednesday, Friday, 8.30 to 10.30. PROFESSOR HUTCHINS.

Courses 1 and 2 are designed for beginners.

3. General Physics. Mechanics, Electricity, and Magnetism. Text-book: Thompson's "Electricity and Magnetism." First Semester: Monday, Wednesday, Friday, 1.30 to 3.30.

4. Light and Heat. Text-books: Preston's "Theory of Light," Maxwell's "Theory of Heat." Second Semester: Monday, Wednesday, Friday, 1.30 to 3.30. MR. PEARSON.

Courses 3 and 4 are elective for all who have taken Courses 1 and 2.

5. Alternating Currents. Text-book: Franklin and Williamson's "Alternating Currents." First Semester: three hours a week.

6. Mechanics. Second Semester: three hours a week.

MR. PEARSON.

Courses 5 and 6 are elective for those who have had Courses 1 and 2 and Calculus.

# Courses of Instruction

## ASTRONOMY

PROFESSOR HUTCHINS

1. Descriptive Astronomy. Text-book: Young's "Manual of Astronomy." First Semester: Monday, Wednesday, Friday, 2.30.

Elective for Sophomores, Juniors, and Seniors.

2. Practical and Spherical Astronomy. Observatory practice: making and reducing of observation. Problems in Nautical Astronomy. Second Semester: Monday, Wednesday, Friday, 2.30.

Elective for those who have taken Course 1.

## CHEMISTRY AND MINERALOGY

PROFESSOR ROBINSON

### CHEMISTRY

1. General Chemistry. Including preparation and properties of the common elements and their compounds, and the construction and use of chemical apparatus. First Semester: Monday, Wednesday, Friday, 10.30 to 12.30.

Elective for Sophomores, Juniors, and Seniors.

2. General Chemistry. Continuation of Course 1, including quantitative relations, chemical theories, inorganic preparations and a few lectures on organic chemistry. Second Semester; Monday, Wednesday, Friday, 10.30 to 12.30.

Elective for those who have had Course 1 or its equivalent.

3. Chemical Analysis. Mainly qualitative, with certain fundamental principles of quantitative analysis toward the end of the course. First Semester: Monday, Wednesday, Friday, 2.30 to 4.30.

Elective for those who have had Courses 1 and 2.

4. Quantitative Analysis and Organic Chemistry. The first part of the course is a continuation of Course 3, and is followed by elements of organic chemistry. Second Semester: Monday, Wednesday, Friday, 2.30 to 4.30.

Elective for those qualified by previous courses.

## Bowdoin College

5. Special and Industrial Chemistry. Including more work in chemical preparations, and application of chemistry to industrial processes. First Semester: Monday, Wednesday, Friday, 2.30 to 4.30.

Elective for those qualified by previous courses. May be taken with Course 3, at hours arranged by agreement.

6. Special and Industrial Chemistry. Continuation of Chemistry 5. Second Semester: Monday, Wednesday, Friday, 2.30 to 4.30.

Elective for those who have had Course 5. May be taken with Course 4, at hours arranged by agreement.

NOTE. All the courses in Chemistry involve a large amount of laboratory work, for which the department is well equipped.

### MINERALOGY

1. Determinative Mineralogy. Including elementary crystallography. Second Semester: Monday, Wednesday, Friday, 2.30 to 4.30.

Elective for those who have had Course 1.

NOTE. The Cleaveland and other collections of minerals and models make it possible to illustrate fully the study of mineralogy.

### BIOLOGY AND GEOLOGY

PROFESSOR LEE

#### BIOLOGY

1. Botany. Flowering plants are first studied with reference to their anatomy and microscopical structure. Some attention is given to plant physiology. Types of the lower orders of plants are then examined in detail. About one half of the course consists of laboratory work, in which the student records his observations by notes and drawings. The purpose of the course is to present a comprehensive view of the vegetable kingdom. Second Semester: Monday, Wednesday, Friday, 8.30 to 10.30.

Elective for Sophomores and, under certain conditions, for members of other classes.



## Courses of Instruction

2. Zoölogy. The course opens with a laboratory study of the frog as a type of animal life. The lower groups of animals are then taken up in order, with laboratory work on the more important forms. About one-half of the time is devoted to dissection and microscopical work. Text-book: Weyssé's "Zoölogy." First Semester: Monday, Wednesday, Friday, 1.30 to 3.30.

Elective for Juniors and Seniors.

3. Zoölogy. This is a continuation of Course 2. The principal forms studied are vertebrates. Some attention is paid to physiology. Courses 2 and 3 give a general view of the animal kingdom from unicellular organisms to man. Second Semester: Monday, Wednesday, Friday, 1.30 to 3.30.

Elective for those who have taken Course 2.

4. Anatomy and Histology. This is mainly a laboratory course. The anatomy of the cat and that of one or more additional vertebrates are thoroughly studied. A series of preparations illustrating elementary histology is also prepared. First Semester: Monday, Wednesday, Friday, 10.30 to 12.30.

Elective for those who have taken or are taking Courses 2 and 3.

5. Histology and Embryology. This course begins with advanced histology, followed by a study of the development of a fish, salamander, the chick, and some mammal. Second Semester: Monday, Wednesday, Friday, 10.30 to 12.30.

Courses 4 and 5 are intended for those who are proposing to pursue the study of medicine or to prepare themselves for teaching biology. Some opportunity is offered for a selection of work in accordance with the special requirement of the student. Practice is also given in technical laboratory methods.

Elective for those who have taken Course 4.

6. Organic Evolution. This course includes an examination into the theories of the origin and development of life. The topics of variation, adaptation, heredity and other problems which arise in connection with practical biology are discussed. Instruction is given by lectures and recitations. Second Semester: Tuesday, Wednesday, Thursday, 9 30.

Elective for those who have taken Courses 2 and 3.



# Bowdoin College

## GEOLOGY

1. The first topics considered are the geological forces now at work in modifying the earth. Special attention is given to physiography and meteorology. In connection with structural geology there is some laboratory work on common rock-forming minerals and rocks. The course concludes with a brief study of the development of continental areas. Text-book: Le Conte's "Elements of Geology." First Semester: Monday, Wednesday, Friday, 8.30. An additional hour is required during the laboratory work.

Elective for Sophomores and, under certain conditions, for members of other classes.

## HYGIENE AND PHYSICAL TRAINING

DR. WHITTIER

### HYGIENE

Lectures on Human Anatomy, Physiology, and Personal Hygiene. First Semester: Thursday, 8.30.

Required of Freshmen.

The Director of the Gymnasium gives each student a thorough medical and physical examination. From the measurements and strength tests taken a chart is made out for each student, showing his size, strength, and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. At the same time the student receives a hand-book containing the exercises prescribed for the purpose of correcting the physical defects shown by his chart, with specific directions in regard to diet and bathing.

### PHYSICAL TRAINING

1. Class exercises: military drill, setting-up drill, and Indian-club swinging. Squad exercises (graded to suit the strength of each squad): indoor athletics, chest weights, and heavy gymnastics. December to April: Monday, Wednesday, Thursday, 11.30.

Required of Freshmen.

## Courses of Instruction

2. Class exercises: dumb-bells and boxing. Squad exercises: indoor athletics and wrestling. December to April: Monday, Wednesday, Thursday, 3.30.

Required of Sophomores.

3. Class exercises: fencing with single-sticks and with broad-swords. Squad exercise: indoor athletics. December to April: Tuesday, Thursday, 4.30; Friday, 3.30.

Required of Juniors.

4. Class exercises: fencing with foils. Squad exercise: indoor athletics. December to April: Monday, Wednesday, Friday, 4.30.

Required of Seniors.

### COURSES IN THE MEDICAL SCHOOL

By vote of the Faculty, the work in Anatomy, Physiology, and Chemistry, in the first year of the course in the Medical School, is accepted in place of the required four courses of Senior year in the Academic department.

Students intending to avail themselves of this privilege are required to register in the Academic department at the opening of the college year; they will then be excused from further attendance until the opening of the Medical School, which occurs on the third Thursday in October.

## Administration of the College

### DEGREES

The degree of Bachelor of Arts is conferred by the Boards of Trustees and Overseers, on recommendation of the Faculty, upon those students in regular standing who have duly completed the academic course prescribed by the regulations of the government of the college.

The degree of Master of Arts is conferred upon those graduates of the college who, after taking the Bachelor's degree, complete an approved course of advanced study. The requirements for the degree of Master of Arts consists of a full year's residence devoted to such advanced study under the guidance of one or more members of the college Faculty, and a written and oral examination at the completion of this work.

### GOVERNMENT

In all matters pertaining to the good order of the college, and the relations of the students to one another, the students govern themselves through a Jury.

The Jury consist of undergraduate students in good and regular standing, chosen as follows : each of the four classes elects one member ; each chartered chapter of an intercollegiate fraternity of three or more years' standing in the college elects one member ; and all who do not belong to any such fraternity elect one member.

The Jury have absolute and final jurisdiction over all cases of public disorder and all offences committed by students against each other. The Faculty have jurisdiction over conduct during college exercises, conduct toward college officers, damage to college buildings, and all matters of personal morality which affect primarily the character and reputation of individual students.

# Administration of the College

The following are the members of the Jury for 1904-1905:

Everett Woodbury Hamilton (K. Σ.), *Foreman*

William John Norton, (B.Θ.Π.), *Secretary*

Ralph Norwood Cushing (Ψ. Υ.)	Henry Alfred Lermond (1905)
Walter Samuel Cushing (Δ. K. E.)	Walter Martin Sanborn (Α. Δ. Φ.)
Philip Kilborn Greene (Δ. Υ.)	George Henry Stone (Θ. Δ. Χ.)
Robert Elwyn Hall (Ζ. Ψ.)	Edwin Augustin Duddy (1907)
Herbert Staples Hill (Non Frat.)	Hiram Benjamin Tuell Chandler (1908)

## ATHLETIC COUNCIL

The active regulation of the athletic interests of the college is represented by the Athletic Council of the general Athletic Association of Bowdoin College. It consists of twelve members, two of whom are chosen from the Faculty of the college, and five each from the Alumni and Student bodies. The members for the year 1904-1905 are as follows:

### *Alumni*

Charles Taylor Hawes, *Chairman*  
Franklin Conant Payson  
Henry Asa Wing  
Roland William Mann  
Barrett Potter

### *Students*

Wallace Copeland Philoon (1905)  
Louis Dwight Harvell Weld (1905)  
Crowell Clairinton Hall, Jr. (1906)  
George Parcher (1906)  
Earle Haggett McMichaels (1907)

### *Faculty*

Professor William Albion Moody  
Dr. Frank Nathaniel Whittier

## RELIGIOUS EXERCISES

All students are required to attend devotional exercises, consisting of responsive reading, singing, and prayer, held in the College Chapel every week-day morning, and a brief service, including an address by the President, on Sunday afternoon. Every student is also expected to attend the exercises of public worship on the Sabbath at one of the churches in Brunswick.

# Bowdoin College

Prayer-meetings under the direction of the Young Men's Christian Association, a religious organization of the students, are held on Thursday evenings, and other meetings on Sunday, to which all members of the college are cordially invited.

## TERMS AND VACATIONS

The Academic Year is divided into two semesters, or terms, of equal length. Commencement Day is the fourth Thursday of June. The Summer Vacation of thirteen weeks follows Commencement Day. There are two periods of vacation during the year: the first, a recess of about ten days including Christmas and New Year's; the second, the Easter Recess of about ten days at or near the first of April. The following are also observed as holidays: Thanksgiving Day, Washington's Birthday, Memorial Day, and Ivy Day (the first Friday in June).

## RANK

The rank of a student in each course is computed on a scale of ten (10), but is preserved on the college records in the letters A, B, C, D, and E. A signifies a rank from 9 to 10; B, a rank from 8 to 9; C, a rank from 7 to 8; D, a rank from 6 to 7; E, a rank lower than 6, and a condition.

## EXAMINATIONS

The regular examinations of the college are held at the close of each Semester.

An unexcused absence from an examination entails a mark of zero. In case of illness or other unavoidable cause of absence from examination, the class officers have power to suspend the action of this rule until the case can be brought before the proper committee.

## REPORTS OF STANDING

A report of the rank of each student is sent to the parent or guardian at the close of each Semester. The report contains a statement of the standing of the student in each of his courses, together with the number of unexcused absences from church and chapel.

# Administration of the College

Rank is computed according to the method described above ; it is preserved on the college records, and reported to the parent or guardian, in the letters A, B, C, D, and E.

## ATTENDANCE AT EXERCISES

Attendance is required of all students at recitations and lectures continuously throughout the Semester, and at the daily College prayers which are held on each week day at 8.20 A. M., and on Sundays at 4 P. M.

## REGISTRATION

All students are required to register on the first day of each Semester. The Registrar's office will be open from 8.30 A. M. to 4.30 P. M. for this purpose. In case a student is unavoidably absent on the opening day, notice should be sent to the Registrar in writing, giving cause for absence, and stating probable date of registration.

## MEDICAL ATTENDANCE

A fund of \$1,000, given by Mr. and Mrs. GEORGE F. GODFREY of Bangor, in memory of their son, HENRY PRENTISS GODFREY, is devoted to providing medical attendance for students who may be sick while in college.

In case of illness students should immediately call upon or summon the college physician.

## Scholarships

The income of over One Hundred and Twenty-five Thousand Dollars is devoted to scholarships and prizes in aid of meritorious students of slender means.

Applications for scholarships must be made upon blank forms furnished at the office of the Treasurer of the college. They must be made out anew each year; signed by both the student and his parent or guardian; and deposited in the Treasurer's office before November 1.

**BROWN MEMORIAL SCHOLARSHIPS.** A fund for the support of four scholarships in Bowdoin College, given by Hon. J. B. BROWN of Portland, in memory of his son, JAMES OLCOTT BROWN, A.M., of the Class of 1856.

According to the provisions of this foundation, there will be paid annually the income of one thousand dollars to the best scholar in each undergraduate class who shall have graduated at the High School in Portland after having been a member thereof not less than one year.

**SHEPLEY SCHOLARSHIP.** A fund of \$1,000, given by Hon. ETHER SHEPLEY, LL.D., of Portland, late Chief Justice of the Supreme Court of Maine.

**MARY L. SAVAGE MEMORIAL SCHOLARSHIP.** A scholarship of \$1,000, founded by Rev. WILLIAM T. SAVAGE, D.D., of Quincy, Ill., in memory of his wife, MARY L. SAVAGE.

**BENJAMIN DELANO SCHOLARSHIP.** A scholarship of \$1,000, bequeathed by Captain BENJAMIN DELANO of Bath.

**AND EMERSON SCHOLARSHIPS.** A fund amounting at present to \$7,000, given by AND EMERSON, Esq., of Boston, through Rev. Dr. E. B. WEBB.

**STEPHEN SEWALL SCHOLARSHIP.** A scholarship of \$1,000, given by Deacon STEPHEN SEWALL of Winthrop.



## Scholarships

The income of the preceding five scholarships is to be appropriated for the aid of students preparing to enter the ministry of the Evangelical Trinitarian churches.

**JOHN C. DODGE SCHOLARSHIP.** A fund of \$1,000, given by Hon. JOHN C. DODGE, LL.D.

**ALFRED JOHNSON SCHOLARSHIPS.** Three scholarships of \$1,000 each, founded by ALFRED WALDO JOHNSON of Belfast, of the Class of 1845 in memory of his grandfather, Rev. ALFRED JOHNSON, and of his father, Hon. ALFRED JOHNSON.

**WILLIAM B. SEWALL SCHOLARSHIP.** A scholarship of \$1,000, founded by Mrs. MARIA M. SEWALL, in memory of her husband, WILLIAM B. SEWALL, Esq.

**MARY CLEAVES SCHOLARSHIPS.** Three scholarships of \$1,000 each, founded by the will of Miss MARY CLEAVES.

**CRAM MEMORIAL SCHOLARSHIP.** A scholarship of \$1,000, founded by Hon. MARSHALL CRAM of Brunswick, in memory of his son, NELSON PERLEY CRAM, of the Class of 1861, who lost his life in the service of his country.

**JAMES MEANS SCHOLARSHIP.** A scholarship of \$2,000, given by WILLIAM G. MEANS, Esq., of Andover, Mass., in memory of his brother, Rev. JAMES MEANS, of the Class of 1833, who died in the service of his country.

**CHARLES DUMMER SCHOLARSHIPS.** A fund of \$6,000, given by Mrs. ALMIRA C. DUMMER, in memory of her husband, CHARLES DUMMER, A.M., who was for many years a member of the Board of Overseers.

**W. W. THOMAS SCHOLARSHIPS.** Six scholarships of \$1,000 each, founded by Hon. W. W. THOMAS of Portland, to be awarded under certain conditions.

**BUXTON SCHOLARSHIP.** A fund at present amounting to \$3,500, contributed by CYRUS WOODMAN, Esq., of Cambridge, Mass., in aid of deserving students, preference being given to natives and residents of Buxton.

**PIERCE SCHOLARSHIP.** A scholarship of \$1,000, bequeathed by Mrs. LYDIA PIERCE of Brunswick, in memory of her son, ELIAS D. PIERCE.

## Bowdoin College

BLAKE MEMORIAL SCHOLARSHIPS. A fund of \$4,000, bequeathed by Mrs. NOAH WOODS of Bangor, in memory of her son, WILLIAM A. BLAKE, of the Class of 1873.

HULDAH WHITMORE SCHOLARSHIPS. Two scholarships of \$2,500 each, given by Hon. WILLIAM GRISWOLD BARROWS, LL.D., of Brunswick, in memory of his wife, to be awarded by the President under certain conditions.

NATHANIEL MCLELLAN WHITMORE SCHOLARSHIP AND GEORGE SIDNEY WHITMORE SCHOLARSHIP. Two scholarships of \$1,000 each, given by Mrs. MARY J. WHITMORE, in memory of her sons, NATHANIEL MCLELLAN WHITMORE, of the Class of 1854, and GEORGE SIDNEY WHITMORE, of the Class of 1856.

GEORGE FRANKLIN BOURNE SCHOLARSHIP. A scholarship of \$1,000, given by Mrs. NARCISSA SEWALL BOURNE, of Winthrop.

LOCKWOOD SCHOLARSHIP. A scholarship of \$1,000, established by Mrs. Sarah F. Lockwood in memory of Hon. AMOS DEFOREST LOCKWOOD, a former treasurer of the college.

WILLIAM LITTLE GERRISH SCHOLARSHIP. A scholarship of \$1,000, given by Dr. F. H. GERRISH, in memory of his brother, WILLIAM LITTLE GERRISH, of the Class of 1864.

LAWRENCE SCHOLARSHIPS. A fund of \$6,000, given by Mrs. AMOS LAWRENCE of Massachusetts, the income to be annually appropriated for the whole or a part of the tuition of meritorious students who may need pecuniary assistance, preference being given to those who shall enter the college from Lawrence Academy, at Groton, Mass.

G. W. FIELD SCHOLARSHIPS. Two scholarships of \$2,000 each, given by Rev. GEORGE W. FIELD, D.D., of Bangor, of the Class of 1837. In awarding the scholarships, preference is to be given, first, to students or graduates of the Bangor Theological Seminary, and second, to graduates of the Bangor High School.

JUSTUS CHARLES FUND. A fund established by the will of JUSTUS CHARLES of Fryeburg, for such indigent students as, in the opinion of the President, are most meritorious, deserving, and needy.

MOSES R. LUDWIG AND ALBERT F. THOMAS SCHOLARSHIP. Founded by Mrs. HANNAH C. LUDWIG of Thomaston.

## Scholarships

JOSEPH N. FISKE SCHOLARSHIP. A scholarship of \$1,000, given by Mrs. CHARLOTTE M. FISKE, of Boston, in memory of her husband.

CROSBY STUART NOYES SCHOLARSHIPS. Two scholarships of \$2,000 each, established by CROSBY S. NOYES, A.M., of Washington, D. C. In awarding these, preference is to be given to natives or residents of Minot.

HENRY T. CHEEVER SCHOLARSHIP. A scholarship of \$500, given by Rev. HENRY T. CHEEVER, D.D., of Worcester, Mass., to be awarded by the President under certain conditions.

MOSES M. BUTLER SCHOLARSHIPS. A fund of \$10,000 given by Mrs. OLIVE M. BUTLER, of Portland, in memory of her husband, MOSES M. BUTLER, of the Class of 1845, to establish four scholarships.

STANWOOD ALEXANDER SCHOLARSHIP. A scholarship of \$2,500, given by Hon. D. S. ALEXANDER, of Buffalo, N. Y., Class of 1870, in memory of his father, STANWOOD ALEXANDER, of Richmond, Maine, to be awarded under certain conditions.

JOSEPH LAMBERT FUND. Bequest of \$1,000 by Mrs. ANN E. LAMBERT, of Jamaica Plain, Mass.

JOHN PRESCOTT WEBBER, Jr., SCHOLARSHIP. \$2,500, given by JOHN P. WEBBER, Esq., of Boston, Mass., in memory of his son, JOHN PRESCOTT WEBBER, Jr., of the Class of 1903.

ELLEN J. WHITMORE SCHOLARSHIP. A scholarship of \$2,000, given by Miss ELLEN J. WHITMORE, of Brunswick.

CYRUS WOODMAN SCHOLARSHIPS. \$3,000 given by Miss MARY WOODMAN, of Cambridge, Mass., to establish one or more scholarships in memory of her father.

FRED WHITNEY FLOOD SCHOLARSHIP. The sum of \$100 is given each year by LOUIS CLINTON HATCH, of Bangor, of the Class of 1895, as a scholarship in memory of his college-mate, FRED WHITNEY FLOOD.

GARCELON and MERRITT FUND. The sum of \$500 from the income of the GARCELON and MERRITT FUND is appropriated for the aid of worthy students.

## Bowdoin College

**WILLIAM LAW SYMONDS SCHOLARSHIP.** A fund of \$3,000, founded by his family in memory of WILLIAM LAW SYMONDS, of the Class of 1854; the income to be applied by the Faculty in aid of Bowdoin students, preference to be given to those showing tendency to excellence in Literature.

**CLASS OF 1872 SCHOLARSHIP.** A fund of \$2,500 given by the Class of 1872.

**CHARLES M. CUMSTON SCHOLARSHIP.** A fund of \$2,000 given by Charles McLaughlin Cumston, LL D., of the Class of 1843, the income to be given preferably to a graduate of the English High School of Boston.

**CYRUS WOODMAN TRUST FUND.** A fund, now amounting to \$32,000, established by Cyrus Woodman, Esq., of the Class of 1836, one-half of the income of which is appropriated for scholarships.

**CHARLES CARROLL EVERETT SCHOLARSHIP.** Certain real estate in Brunswick, in trust, the net income of which is given to that graduate of Bowdoin College whom the President and Trustees shall deem the best qualified to take a post-graduate course in either this or some other country.

**ALBION HOWE MEMORIAL LOAN FUND.** A sum of \$1,000, given by Lucian Howe, M.D., of Buffalo, N. Y., for the establishment of a loan fund in memory of his brother Albion Howe, of the Class of 1861.

## Prizes

**SMYTH MATHEMATICAL PRIZE.** A fund of \$5,000, the gift of HENRY J. FURBER, Esq., of Chicago, named by him in honor of PROFESSOR WILLIAM SMYTH. From the present income of the fund \$300 is given to that student in each Sophomore Class who obtains the highest rank in the mathematical studies of the first two years. The rank is determined mainly by the daily recitations; but the Faculty may at their discretion order a special examination, the result of which will be combined with the recitation rank. The successful candidate receives \$100 at the time the award is made. The remaining \$200 is paid to him in instalments at the close of each term during Junior and Senior years. If a vacancy occurs during those years, the

## Prizes

next in rank secures the benefit of the prize for the remainder of the time.

**DAVID SEWALL PREMIUM.** Prizes amounting to Ten Dollars are awarded to members of the Sophomore Class for excellence in Oratory at their annual Prize Declamation.

**BROWN COMPOSITION PRIZES.** Two prizes, one of Thirty Dollars and one of Twenty Dollars, established by Mr. PHILIP G. BROWN, of the Class of 1877, in memory of PHILIP HENRY BROWN, Esq., of Portland, of the Class of 1851, are offered to the Senior Class for excellence in Extemporaneous English Composition.

**SEWALL GREEK PRIZE.** A prize of Twenty-five Dollars, given by Professor JOTHAM BRADBURY SEWALL, of Boston, of the Class of 1848, formerly Professor of Greek in the college, is awarded to the member of the Sophomore Class who sustains the best examination in Greek.

**SEWALL LATIN PRIZE.** A prize of Twenty-five Dollars, also given by Professor SEWALL, is awarded to the member of the Sophomore Class who sustains the best examination in Latin.

**GOODWIN COMMENCEMENT PRIZE.** A prize of Fifty Dollars, given by Rev. Dr. DANIEL RAYNES GOODWIN, of Philadelphia, of the Class of 1832, is awarded each year to the author of the best Commencement Part.

**CLASS OF 1868 PRIZE.** A prize of Forty Dollars, contributed by the Class of 1868, is given annually to the author of the best written and spoken oration in the Senior Class.

**PRAY ENGLISH PRIZE.** A prize of Fifty Dollars, given by Dr. THOMAS J. W. PRAY, of Dover, N. H., of the Class of 1844, is awarded each year to the best scholar in English Literature and original English Composition.

**GOODWIN FRENCH PRIZE.** A prize of Twenty-five Dollars, given by Rev. Dr. DANIEL RAYNES GOODWIN, is awarded annually to the best scholar in French.

**NOYES POLITICAL ECONOMY PRIZE.** This prize, consisting of the annual income of one thousand dollars, was established by CROSBY STUART NOYES, A.M., and is awarded to the best scholar in Political Economy.

## Bowdoin College

CLASS OF 1875 PRIZE IN AMERICAN HISTORY. This prize, consisting of the annual income of three thousand dollars, was established by WILLIAM J. CURTIS, of New York City, of the Class of 1875, and will be awarded to the student who writes the best essay and passes the best examination on some assigned subject in American History.

BRADBURY DEBATING PRIZES. Prizes amounting to \$60, given by Hon. JAMES WARE BRADBURY, LL.D., of the Class of 1825, are awarded each year to members of the Junior and Senior Classes for excellence in debating.

HAWTHORNE PRIZE. A prize of \$40, given by Mrs. GEORGE C. RIGGS (Kate Douglas Wiggin), of New York, is awarded each year to the author of the best short story. The competition is open to members of the Sophomore, Junior, and Senior Classes.

SPECIAL PRIZE FOR THE YEAR 1904-1905. In memory of Mrs. William Henry Moulton of Portland, a prize of \$20 is offered for the present academic year, by the National Society of Colonial Dames of America in Maine, for the best essay on "Arbitration as the best means of settling international disputes."



# Expenses

## Expenses

### COLLEGE BILLS

Term bills, containing college charges, are mailed to the parent or guardian of each student three times each year, viz., on December 15, April 1, and at the close of the year ; these bills become payable at once.

No students will be advanced in class standing until all the dues of the previous year have been paid ; and no degrees will be conferred upon students who have not paid all their dues to the college.

No student will be dismissed from college on request unless he shall have paid all his college bills, including that of the current Semester.

### ESTIMATED EXPENSES.

The following table exhibits three scales of annual expenditure. Room rent, heat, and light are estimated on the supposition that two students occupy the same room, thus materially reducing the expense. No attempt is made to estimate such expenses as furniture, travelling expenses, class dues, and fraternity fees, since the taste and character of individual students vary to such a degree that all such estimates are of little value.

	Lowest.	Average.	Liberal.
Tuition . . . . .	\$75.00	\$75.00	\$75.00
Incidental college charges . . . . .	6.00	6.00	6.00
Room rent (two persons sharing one room)	18.00	36.00	54.00
Lighting (\$6 per lamp per year) . . . . .	6.00	12.00	30.00
Laboratory fees (Chemistry) . . . . .	2.00	3.00	4.00
Board (thirty-six weeks, \$3 to \$5) . . . . .	108.00	135.00	180.00
Books and stationery . . . . .	10.00	20.00	40.00
Washing . . . . .	10.00	20.00	30.00
	<hr/> \$235.00	<hr/> \$307.00	<hr/> \$419.00

The item of heat is included in the rental of all college rooms.

None of the college rooms are furnished ; but furniture can easily be purchased in town at reasonable prices.



## The College Buildings

There are eleven college buildings. The spacious campus, of about forty acres, upon which they are grouped is within five minutes' walk of the railroad station, one mile from the Androscoggin River with its picturesque falls, and about three miles from the shores of Casco Bay. A central heating and lighting plant supplies steam heat and electric light to all the buildings, which are also connected with the water and sewerage systems of the town.

### MASSACHUSETTS HALL

This hall, named for the mother state from which the college derives its charter, was the first building erected for the uses of the college. On the first floor are the offices of the treasurer of the college, and a lecture room in which are the quaint old colonial fireplace and oven as used for a time by the family of the first president.

The second and third floors have been thrown together and converted into a cabinet of natural history through the liberality of the late Peleg Whitman Chandler, of the Class of 1834, and named the Cleaveland Cabinet, in memory of Professor Parker Cleaveland. It contains, besides other collections, the mineralogical collection which has the special interest of having been the basis of Professor Cleaveland's "Treatise on Mineralogy and Geology," the first systematic treatise on mineralogy published in this country.

### THE DORMITORIES

There are three dormitories, of brick and stone, each one hundred feet by forty, and four stories in height. In the order of their erection they are Maine Hall, named for the District (now the State) of Maine; Winthrop Hall, named in honor of Governor John Winthrop of the Massachusetts Bay Colony; and Appleton Hall, named in honor of President Jesse Appleton, the second president of the college. Each of these dormitories contains thirty-two *suites*, consisting of a sitting-room or study, a bedroom, and an ample closet. The rooms are heated and lighted with steam and electricity from the central station, and the dormitories are supplied with water from the town system, and provided with toilet rooms.

# The College Buildings

## KING CHAPEL

The chapel, built of undressed granite, and named in honor of Governor William King, the first Governor of Maine, is a Romanesque Church, the façade of which is marked by twin towers and spires which rise to the height of one hundred and twenty feet. The aisles and chancel are shut off from the nave by partition walls. The nave is the chapel proper, in which are held the daily religious exercises of the college. There is a broad central aisle, from either side of which rise the ranges of seats after the manner of a cathedral choir. The platform, with the reading-desk, occupies the entire width of the chapel at its eastern end, and behind it rises the rood-screen of carved and panelled walnut, surmounted by a rood-gallery affording entrance to an upper room in the chancel; and through this entrance is seen, from the chapel below, an oriel window. From the walnut wainscoting on the sides of the chapel to the clerestory windows an unbroken wall, more than thirty feet in height, is divided by decorative frescoring into large panels in which are mural paintings—the gifts of individuals and of college classes—representing the Annunciation, the Adoration, the Baptism, and the Ascension, Paul preaching at Mars Hill, the Healing at the Beautiful Gate, St. Michael and the Dragon, Adam and Eve after the Transgression, and the Giving of the Law. A decorated ceiling which is carried up into the roof has a blue ground overlaid with golden stars. The music gallery is over the entrance to the chapel, between the two towers, and contains an organ which was a gift to the college from Oliver Crocker Stevens, of the Class of 1876, and Mrs. Stevens.

## MEMORIAL HALL

This building, erected by the contributions of alumni and friends, is a memorial to the graduates and students of the college who served in the Union army or navy during the Civil War. It is a granite structure in the French-Gothic style of architecture. On the first floor are four recitation rooms, and the office of the Registrar. The memorial hall proper occupies the whole of the second floor, and is a spacious audience room used for exhibitions and other public exercises. Aside from its architectural and decorative finish, it is notably adorned with busts and portraits of presidents, professors, benefactors, and distinguished graduates of the college. The names and military

## Bowdoin College

rank of two hundred and ninety Bowdoin men who fought to maintain the Union are inscribed on bronze tablets, the gift of Thomas Hamlin Hubbard, of the Class of 1857.

### MARY FRANCES SEARLES SCIENCE BUILDING

This building was a gift to the college from Mr. Edward F. Searles, in memory of his wife, whose name it bears. It is built of Perth Amboy brick, with trimmings of Ohio stone, and is practically fire-proof. It is of the Elizabethan style of architecture, one hundred and eighty feet in length, and, with its two wings, one hundred and five feet in depth. It is three stories in height, with a high, well-lighted basement, and contains the college clock, which strikes the hours and half-hours. It is designed for the use of the three departments of chemistry, physics, and biology, and contains both large and small laboratories for each of these departments, with lecture rooms, offices, store rooms, cabinets, a work room for the manufacture of apparatus, a conservatory for plants, etc. It is fitted with all the devices and conveniences which experience has found to be desirable, and is fully adapted to the uses for which it was designed.

### WALKER ART BUILDING

This building, designed for the exhibition of the art treasures of the college, — except the portraits and busts in Memorial Hall and the mural paintings in King Chapel, — was erected by the Misses Harriet and Sophia Walker, of Waltham, Massachusetts, as a memorial of their uncle, the late Theophilus Wheeler Walker. It is one hundred feet in length by seventy-three in depth, and is surrounded on three sides by a brick-paved terrace, about twenty-five feet in breadth, with granite supporting walls and parapets. The materials used in the building are Freeport granite, Indiana limestone, and brick.

The main entrance consists of a loggia, in front of which, and supporting the wall above, are six Ionic columns of stone. Niches in the front wall of the building on either side of the loggia contain bronze copies, by De Angelis of Naples, of the classical statues of Demosthenes and Sophocles. Pedestals on either side of the ascent to the loggia are surmounted by copies in stone of the lions of the Loggia dei Lanzi.

The entrance from the loggia is to the Sculpture Hall, occupying the central portion of the building, beneath a dome which rises to the height of forty-seven feet, and furnishes light to the apartment

## The College Buildings

through a skylight at the top. The four tympana below the dome, each twenty-six feet in width, are filled with four paintings symbolizing the artistic achievements of Athens, Rome, Florence, and Venice, executed by Messrs. John La Farge, Elihu Vedder, Abbott Thayer, and Kenyon Cox, respectively. Casts of classical figures and groups of statuary are exhibited in this room.

The Bowdoin, Boyd, and Sophia Wheeler Walker Galleries are entered from three sides of the Sculpture Hall. The Bowdoin Gallery contains chiefly the collection of about one hundred paintings, and one hundred and fifty original drawings by old and modern masters bequeathed to the college by Honorable James Bowdoin. The Boyd Gallery contains the collection of paintings bequeathed by Colonel George W. Boyd, of the Class of 1810, with others of later acquisition, a collection of Japanese and Chinese works of art, loaned by Professor William A. Houghton, the Virginia Dox collection of objects of native American art, and collections given or loaned by Mr. George W. Hammond, Mrs. Levi C. Wade, Mr. Harold M. Sewall, Dana Estes, and other friends of the college. The Sophia Wheeler Walker Gallery contains specimens of ancient glass, Roman sculpture, old Flemish tapestry, Oriental ivory carvings, miniatures, etc., with paintings and drawings by modern artists of the foremost rank, and a bronze relief portrait, by French, of Theophilus Wheeler Walker, — all given by the Misses Walker.

The galleries are finished in oak, and are lighted from above through large skylights. In the basement are a lecture room, a room of Assyrian sculpture, curator's and students' rooms, lavatory, etc. The building is open to visitors about five hours daily.

### HUBBARD HALL

The recently erected library building affords convenient and adequate accommodation for the College Library, and for its prospective growth, with reading and consultation rooms, lecture and conference rooms, administrative offices, etc. It is a gift to the college from General Thomas Hamlin Hubbard, of the Class of 1857, and his wife, Mrs. Sibyl Fahnestock Hubbard. It is about one hundred and seventy feet in length, and fifty feet in depth, with a wing in the rear, for a stack room, eighty-eight feet by forty-six. It is entirely fire-proof, the materials used in its construction being granite, Indiana limestone, brick, iron, and steel. It is of the seventeenth-century Gothic architecture, with the main entrance through a central

# Bowdoin College

projecting tower, the façade being still further broken by semi-circular projections at the ends. It is situated at the southern end of the campus, fronting towards Massachusetts and Memorial Halls, and, with the buildings already mentioned, completes the campus quadrangle.

## ADAMS HALL

This hall is occupied chiefly by recitation and lecture rooms. It is built of brick, with stone trimmings, is about one hundred feet by fifty, and three stories in height. It is named in honor of the late Seth Adams of Boston, who contributed generously toward its erection. On the first floor are two recitation rooms assigned to the uses of the academical department; the second and third floors are devoted exclusively to the medical department, and contain a lecture room, an amphitheatre, a dissecting room, a room for the Seavey Anatomical Museum, a reference medical library, with ante-rooms and a registrar's office.

## THE OBSERVATORY

The Astronomical Observatory, for which the college is largely indebted to the late John J. Taylor of Fairbury, Illinois, was mainly designed for purposes of instruction. Although the smallest of the college buildings, great care was exercised in its construction, and it is supplied with a telescope mounted in a revolving turret, a transit instrument, and the usual accessories for meridian observations.

## THE SARGENT GYMNASIUM

The gymnasium, erected in 1885, is named in honor of Dr. Dudley Allen Sargent, of the Class of 1875, the first director under the system of required physical exercise. It is supplied with the most approved apparatus for gymnastic instruction, the gift of Dr. Sargent, and is provided with bath rooms and individual lockers. A part of the basement of this building and an extension in the rear are used as a central station for generating steam heat and electricity for the heating and lighting of all the college buildings.

A straight path through the pine grove in the rear of the campus leads from the gymnasium a short distance to the Whittier Athletic Field. This field, named in honor of Dr. Frank Nathaniel Whittier, the present director of the gymnasium, who was largely instrumental in the acquisition and preparation of it for athletic purposes, is about five acres in extent, and is well adapted, in all respects, for baseball, football, and track athletics.



# The Library

## The Library

The Library contains seventy-nine thousand volumes and several hundred unbound pamphlets. It includes the private library of Hon. James Bowdoin, received after his death in 1811, the library of the Medical School of Maine, established in 1820, the extensive collections of the Peucinian and Athenæan Societies, added in 1880, and valued donations received from numerous institutions and individuals during the century of its existence. A large proportion of its contents, however, has been purchased within the last two decades with a view to aid the work of instruction by supplying both teachers and students with the best books and the leading periodicals in the various departments of the curriculum.

Attention has been directed, also, towards the building up of a complete and attractive library of general reference in which the literature of the present, as well as of the past, is given its proper place, and which shall serve as an active agent in the attainment of liberal culture. This portion of the library, containing upwards of ten thousand volumes, is arranged in the spacious and well-lighted room at the east end of Hubbard Hall. The corresponding room on the west is given to some six thousand bound volumes of magazines that are indexed in Poole's Index to Periodical Literature, and to the current periodicals, of which the library receives about two hundred. Adjacent is a special reading-room for the daily newspapers, and another for a choice collection, not yet complete, of fine editions of the works of the great masters of literature.

The entire collection is classified by the Decimal Classification and is supplied with a dictionary card catalogue. Though no formal instruction in bibliography is now given, the librarian and his assistants are ready to lend personal aid to inquirers. During term time, the library is open continuously from 8.30 A. M. to 5.30 P. M., and in the evening from 7 to 9.30. In vacation it is also open daily, with the exception of Sundays and holidays. Students are allowed to borrow three books at a time, and to retain them, if needed, four weeks. The privileges of the library are extended to graduates and to clergymen, also to any persons on recommendation of the Library Committee.

## Bowdoin College

Annual accessions, which average over two thousand volumes, are made to the library by means of an appropriation of the Boards for the purpose, and from the proceeds of funds contributed by Rev. Elias Bond, D.D., John L. Sibley, A.M., Hon. Samuel H. Ayer, Dr. R. W. Wood, Mrs. John C. Dodge, Henry J. Furber, Esq., and Hon. John L. Cutler. A special collection of books relating to the Huguenots is annually increased from the income of a book fund given by George S. Bowdoin, Esq. A similar library of rhetoric and literature has been recently established by the late Captain John C. Brown, U. S. A., as a memorial of his father, Philip Henry Brown, Esq., of the Class of 1856.



MEDICAL SCHOOL OF MAINE



## Faculty

REV. WILLIAM DEWITT HYDE, D.D., PRESIDENT.

ALFRED MITCHELL, A.M., M.D., DEAN, *Professor of Internal Medicine.*

FREDERIC HENRY GERRISH, A.M., M.D., *Professor of Anatomy.*

STEPHEN HOLMES WEEKS, A.M., M.D., *Professor of Surgery and Clinical Surgery.*

CHARLES OLIVER HUNT, A.M., M.D., *Professor of Materia Medica and Therapeutics.*

FRANKLIN CLEMENT ROBINSON, A.M., LL.D., *Professor of Chemistry.*

LUCILIUS ALONZO EMERY, LL.D., *Professor of Medical Jurisprudence.*

CHARLES DENNISON SMITH, A.M., M.D., *Professor of Physiology.*

ALBERT ROSCOE MOULTON, M.D., *Professor of Mental Diseases.*

WILLIS BRYANT MOULTON, A.M., M.D., *Professor of Ophthalmology.*

JOHN FRANKLIN THOMPSON, A.M., M.D., *Professor of Diseases of Women.*

ADDISON SANFORD THAYER, A.B., M.D., *Professor of Diseases of Children.*

FRANK NATHANIEL WHITTIER, A.M., M.D., *Professor of Pathological Histology and Bacteriology.*

EDWARD JOSEPH McDONOUGH, A.B., M.D., *Professor of Obstetrics.*

ALFRED KING, A.B., M.D., *Associate Professor and Demonstrator of Anatomy.*

HENRY HERBERT BROCK, A.B., M.D., *Assistant Clinical Professor of Surgery.*

## Medical School of Maine

CHARLES BRYANT WITHERLEE, A.B., M.D., *Lecturer in Neurology.*

ALFRED MITCHELL, JR., A.B., M.D., *Instructor in Genito-Urinary Surgery.*

GUSTAVE ADOLPH PUDOR, A.B., M.D., *Instructor in Dermatology.*

EDVILLE GERHARD ABBOTT, M.D., *Clinical Instructor in Orthopedic Surgery.*

GILBERT MOLLESON ELLIOTT, A.M., M.D., *Assistant Demonstrator of Anatomy.*

WALTER EATON TOBIE, M.D., *Instructor in Surgery and Assistant Demonstrator of Anatomy.*

RICHARD DRESSER SMALL, A.B., M.D., *Demonstrator of Histology.*

NORMAN JOHN GEHRING, A.B., M.D., *Assistant Demonstrator of Histology.*

ROBERT LORD HULL, A.B., M.D., *Clinical Assistant in Internal Medicine.*

GEORGE THOMAS LITTLE, Litt.D., *Librarian.*

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HON. WILLIAM LEBARON PUTNAM, LL.D., *from the Board of Trustees.*

HON. WILLIAM PIERCE FRYE, LL.D., *from the Board of Trustees.*

DANIEL ARTHUR ROBINSON, A.M., M.D., *from the Board of Overseers.*

HON. JOHN HOLMES GOODENOW, A.M., *from the Board of Overseers.*

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CLARENCE ARDEEN PEASLEE, M.D., *Visitor from the Maine Medical Association.*

SETH TRUFANT SNIPE, A.B., M.D., *Visitor from the Maine Medical Association.*

## General Statement

The Medical School of Maine, established by the first legislature of the State, was by its charter placed under the control of the Boards of Trustees and Overseers of Bowdoin College, of which institution it is the Medical Department.

Its course of instruction covers four years of eight months each. The studies are distributed through the curriculum according to the following schedule :

FIRST YEAR: Anatomy, Histology, Physiology, Chemistry, Personal Hygiene.

SECOND YEAR: Anatomy, Physiology, Chemistry, Pathology, Bacteriology.

THIRD YEAR: Internal Medicine, Surgery, Materia Medica and Therapeutics, Obstetrics.

FOURTH YEAR: Internal Medicine, Surgery, Materia Medica and Therapeutics, Medical Jurisprudence, Public Hygiene, Diseases of Women, Diseases of Children, Diseases of the Mind, Diseases of the Skin, Diseases of the Genito-Urinary System, Diseases of the Eye, Diseases of the Ear, Diseases of the Nose and Throat, Diseases of the Joints.

The course is strictly graded, and all the required studies of one year must be completed before those of the second succeeding year can be entered upon.

At the end of each year an examination is held in the studies of that year, and the successful student receives a certificate from the Dean, testifying to his passage. Those who prefer to defer their examination, and those who have failed at the close of the school-year, are allowed one examination at the beginning of the next year. If, for any sufficient cause, a student is unable to be present at the time appointed for this second examination, he may be examined three weeks after the beginning of the year. Failure to pass in the studies of any year will necessitate a repetition of the work of that year. An examination which is not completed receives no consideration.

## Medical School of Maine

The students of the first and second years are instructed at Brunswick, where the school has been situated since its foundation in 1820, and where the facilities are excellent for imparting a knowledge of the primary branches. The third-year and fourth-year classes are taught in Portland, on account of the superior clinical advantages afforded in that city. The first of the two buildings designed for the use of the school, and now occupied by it, furnishes ample accommodations for the advanced classes. The location of the building is on Chadwick Street, near the Maine General Hospital, in which institution nearly all the teachers in the school are medical or surgical officers, and the directors of which are in full sympathy with the purposes of the Faculty.

While the Maine General Hospital is the chief source for the supply of clinical material for the school, Portland has a number of other institutions which will contribute to the bedside instruction of the students; and the various teachers, as opportunity permits, will show individual pupils interesting cases in their private practice.

The eighty-fifth annual course began on Thursday, October 20, 1904, and will continue eight months.

Examinations for admission to the school will be held at 9 A. M. on Thursday, October 19, 1905, in Brunswick. Examinations for admission to advanced standing will be held at 9 A. M. on Friday, October 20, 1905, in Brunswick, for those wishing to enter the second year; at 9 A. M. on Saturday, October 21, 1905, in Portland, for those who wish to enter the third year; and on Friday and Saturday, October 20 and 21, 1905, in Portland, at hours to be appointed, for those who wish to enter the fourth year.

The systematic courses of instruction will begin on Monday morning, October 23, 1905.

On arriving in Brunswick, students should apply at the office of the Dean, in Adams Hall, enter their names, receive directions concerning their examinations, if any are needed, pay their fees, and be advised as to boarding-places.

In Portland they should apply at the office in the medical building for the same purposes. Dr. Charles O. Hunt will act as Deputy Dean.

# Expenses

## EXPENSES

**FOR INSTRUCTION:** In each of the required four years, \$100. After attendance upon four full courses, payment of the matriculation fee only will be required.

**FOR EXAMINATIONS:** Payable at the end of the first year —

In Anatomy . . . . . \$5.00

In Physiology . . . . . 5.00

In Chemistry . . . . . 5.00

Payable at the close of the term of instruction in

Obstetrics, for examination in this branch . . . 5.00

These four fees are credited on the diploma-or-graduation fee.

For every re-examination in any of the above studies, \$3.00. This fee is not credited on the diploma fee.

For examination or re-examination in any branch, at a time not regularly appointed, a fee of \$5.00 must be paid, in addition to the prescribed fee for that examination.

Students who fail to pass the examinations at or near the beginning of the course cannot be examined again until the end of the course.

**MISCELLANEOUS:** The matriculation fee of \$5.00 is required of every student each year.

For materials used in the chemical laboratory courses, about \$2.50 per year.

For materials used in the physiological laboratory, their cost.

For materials used in the bacteriological laboratory, about \$2.00.

For anatomical material, its cost.

For graduation fee (not returnable), including the parchment diploma, \$25.00. This will have been nearly paid in the examination fees in the previous years.

Graduates of other schools, who have been engaged three years in the regular practice of medicine, may receive a general ticket upon presentation of their diplomas and payment of the matriculation fee. Graduates of other schools are not eligible for a degree from this school without attendance upon a full course of instruction immediately preceding the examination for such a degree.

All fees must be paid in cash and strictly in advance.



## Medical School of Maine

Unfurnished rooms heated by steam can be secured in the College dormitories at a rental of from \$72 to \$108 for each course. Furnished rooms outside the College can be obtained at a rental of from \$1.50 to \$2.50 per week according to the conveniences. A sharing of the above expenses by two students brings the cost within reasonable limits.

The price of board is from \$3.00 to \$3.50 a week.

The cost of living in Portland has been found to be not in excess of that at Brunswick.

\$15 to \$25 a year covers the cost of books.

### REQUIREMENTS FOR ADMISSION

Applicants for admission will be required to give evidence that they possess a good English education. Unless they present diplomas or entrance tickets as provided below, they must pass examinations in the following subjects:

**ENGLISH.** Spelling, writing, construction of sentences, and English grammar.

**ARITHMETIC.** As represented in the larger common-school text-books.

**ALGEBRA.** Including addition, subtraction, multiplication, division, factoring, and simple equations; as much, for example, as is contained in the first eleven chapters of Wentworth's "New School Algebra."

**GEOMETRY.** Including at least three books of some standard Plane Geometry, such as Wells's or Wentworth's.

**HISTORY OF THE UNITED STATES.** To the extent afforded in the ordinary school history, such as Montgomery's.

**PHYSICS.** Elementary principles, as taken up in any standard school text-book. Such topics as the following should be specially studied: energy, mass, specific gravity, flow of liquids and gases, action of heat and pressure, wave motions, construction and use of thermometers, reflection and refraction of light, movement of sound, development of electricity and magnetism and their general laws.

**CHEMISTRY.** The principles of inorganic chemistry, as taken up in any standard school text-book. The study should have been pursued by the laboratory method, or at least with illustrative experiments by the teacher.

## Graduation

**LATIN.** Including sight-reading of easy Latin, a knowledge of the construction of Latin sentences, and the reading of some standard Latin author, as Cæsar or Virgil. At least two years should have been spent in the study of Latin in some good school.

Graduates of Colleges, Normal Schools, High Schools, or Academies, and students who have passed the entrance examination of any recognized college, will be exempt from examination on presentation of their diplomas or matriculation tickets, provided that their previous studies have included Latin, Chemistry, and Physics, to an extent not less than herein prescribed; but if their previous studies have not included Latin, Chemistry, and Physics, to the required extent, they must be examined upon these branches. Their diplomas or matriculation tickets will exempt them from examination in the other branches. In the reception of diplomas and tickets, business colleges are not recognized.

Students from other schools who apply for advanced standing must comply with the requirements for admission to the first year; must give satisfactory evidence that they have completed a course or courses of instruction equivalent in kind and amount to that in this school preceding the year to which admission is sought; and must pass examinations in all the branches previously pursued by the class which they wish to enter. Certificates of the passage of examination in other schools are not accepted in lieu of examinations.

### GRADUATION

A candidate must be twenty-one years of age, and must have devoted to his professional studies four years, including a course of instruction in each of these years in some reputable, regular, incorporated medical institution; and the last course previous to examination must have been in this school. He must present a satisfactory certificate of good moral character from a citizen of the place in which he resides. He must also pass a satisfactory examination in the required studies, previously specified, and present a thesis on some medical subject, a fair copy of which must be handed to the Dean at least ten days before the beginning of the final examinations.

Time spent in pharmacy, in dental and veterinary institutions, and in preparatory schools does not entitle a student to examination for advanced standing.

# Medical School of Maine

A student who has received the degree of A.B., B.S., or any similar degree after four years of study in a recognized college or technical school, may, if his studies have included a satisfactory amount of Chemistry, Physics, and Biology, be admitted as a second-year student; but when so admitted, he cannot gain third-year standing until he has passed satisfactory examinations in the studies of the first and second years.

## METHODS OF INSTRUCTION

In order to give to prospective students an idea of the facilities presented by this institution for acquiring a knowledge of the science and art of medicine, a brief statement is here made of the scope of the work in each department, and the methods adopted for imparting instruction.

**ANATOMY.** The course in this branch covers two years. In the early part of the first year the elementary tissues are studied, both in the lecture room and the histological laboratory. Then the viscera (including the cerebro-spinal axis and the organs of the special senses) are taken up in such order as will enable the student to become acquainted with the structure of each organ before its function is treated of by the professor of physiology. At the same time with this work the subjects of osteology and arthrology are pursued. All these exercises are illustrated by casts, models, fresh and preserved specimens, and free-hand blackboard-drawings. Some subjects are treated by lectures; but the recitation method has the more prominent place.

A large number of disarticulated skeletons are provided, and may be borrowed by the class, so that each student may study his osteology in the most practical way. The course in minute anatomy extends throughout the year, each student being provided with a microscope, and having a careful drill in staining and mounting specimens, as well as in the recognition of the structure of the various organs. The dissection of some higher vertebrates is practised in the latter part of the year, with a view to the observation of the homologies, and also the attainment of manual dexterity with anatomical implements.

The second year in Anatomy is devoted to the remainder of systematic anatomy and to relational anatomy. Myology is taken first, and

## Methods of Instruction

the student must be able to recognize the muscles in the part which he is to dissect before he is allowed to work on the cadaver. Two dissections on different parts are required, and students are encouraged to dissect as much more as is possible. Surface anatomy is illustrated upon the living model, upon which, also, the students are required to make demonstrations. In the examinations at the close of the year, demonstrations upon the dissected subject are a prominent feature.

Before coming to the school, students can do much to equip themselves for appreciation of human anatomy by making systematic dissections of some lower animals; and to this end they are earnestly advised to follow faithfully the directions prescribed in "Physiology Practicums," which will be sent post-paid for one dollar by the author, Prof. B. G. Wilder, Ithaca, N. Y. Useful books in the same line are Wilder and Gage's "Anatomical Technology," Foster and Langley's "Practical Physiology," and Huxley and Martin's "Biology."

The Anatomical Museum, previously well supplied with wet and dry specimens, casts and models in plaster, wax, and papier maché, has recently been enriched by a large importation from Germany, also by the generous gift of Azoux's complete model of a man, from Hon. John Fremont Hill, Governor of the State and a graduate of the Medical School in the Class of 1877.

**PHYSIOLOGY.** Instruction in this department is conducted with a view to the practical application of the facts of Physiology to the needs of the student in his study of the diagnosis and treatment of disease, and demonstrations and experimental teaching are employed as far as they can be made to serve this end.

The instruction will be given largely by practical laboratory work, and text-book recitations, and by supplementary lectures. A new laboratory for class work, amply equipped for the work in Physiology, is now available. Laboratory material is supplied to students at cost.

In the first year, the work will be devoted to the functions of nutrition and reproduction; in the second year, to the nervous system and special senses, and to the functions of relation.

In connection with this course several hours are devoted to the subject of personal hygiene.

**CHEMISTRY.** The courses in Chemistry for the session of 1904-1905 will be as follows:

## Medical School of Maine

First-year students will begin with general chemical analysis, work in which will continue until about the time of the spring recess. The remainder of the term will be given to general organic chemistry. The work will be largely in the laboratory, and will occupy from four to six hours per week.

Second-year students will be given instruction in physiological chemistry and allied topics throughout the term, two to four hours per week. The course will consist very largely of laboratory work, and special attention will be given to urinary analysis.

At the end of each year examinations are held, and the results of these, taken in connection with the laboratory work and quizzes, determine whether the work has been satisfactorily completed or not.

Students who satisfy the professor of chemistry that they have pursued courses of chemical study similar to either of the above may be examined by him at the beginning of the term, and, if the examination is satisfactory, they will be excused from attendance upon the courses in question.

The Chemical Department embraces every article of apparatus essential to the complete illustration of the principles of Chemistry. The laboratories in the Mary Frances Searles Science Building furnish unsurpassed advantages for special courses in analytical chemistry, urinary analysis, and toxicology.

**OBSTETRICS.** The instruction in this branch is given by lectures, recitations, and quizzes, illustrated by models, manikins, and actual specimens.

**INTERNAL MEDICINE.** The instruction in this branch, which is given during the third year, will include general pathology, careful study of diagnostic methods, and special diseases. The fourth year will be devoted to such special diseases as have not been considered during the previous year. Regular quizzes will be conducted throughout both years.

A medical clinic will be held by the professor at the Hospital every Thursday, at 9 A.M., the material being furnished by the visiting physicians from the abundant resources of their wards, and by all members of the Faculty as they have cases of interest which can be utilized for the illustration of subjects under treatment in the didactic course. The visiting physicians will hold additional clinics as oppor-



## Methods of Instruction

tunity occurs. Definite announcements of these exercises will be seasonably made.

**BACTERIOLOGY AND PATHOLOGICAL HISTOLOGY.** The new, commodious, and amply equipped laboratory in Seth Adams Hall gives excellent facilities for instruction in bacteriology and pathological histology. The course in surgical pathological histology is given in the laboratory at the school building in Portland.

1. *Bactériology.*—Instruction is given by lectures and laboratory work. In the laboratory course, each student is required to cultivate upon six media twelve varieties of pathogenic bacteria, to make stained microscopical preparations of each variety, and to study with the microscope the living organisms in hanging drop preparations. The media and staining fluids are prepared by students. A limited number of inoculation experiments upon animals are performed. Special attention is given to the examination of sputum for tubercle bacilli, to the diagnosis of diphtheria by means of making smears from suspected throats on Löffler's blood-serum mixture, to the technic of the serum diagnosis of typhoid fever, and to methods of staining gonorrhœal pus.

2. *Pathological Histology.*—Instruction is given by lectures and laboratory work. An introductory course of lectures upon general pathology is followed by the study of inflammations excited by chemical and bacterial causes, including the pathological histology of pneumonia, diphtheria, tuberculosis, etc. The latter part of the course is devoted mainly to the study of degenerations and tumors. In each case the description of particular lesions is followed by microscopical examination of the same lesions.

3. *Blood Examination.*—A short course in which students are trained in counting the red and white corpuscles, in estimating the amount of hemoglobin, in preparing and examining fresh and stained specimens.

4. *Surgical-Pathological Histology.*—This is a laboratory course in which each third-year student examines microscopically the tissues obtained at the surgical clinic at the Maine General Hospital. The microscopical preparations become the property of the student, and are preserved for reference in connection with his clinic record as showing the pathology of cases previously observed.

**SURGERY.** Instruction is given in the principles of surgery during the third and fourth years, and consists of both didactic teaching and

## Medical School of Maine

clinical instruction. During the third year the didactic instruction will be limited to general surgery, including surgical bacteriology, septic and antiseptic surgery, general diagnosis, irritation, sympathy, and congestion, inflammation and its effects, textural changes, new formation, benign and malignant, wounds and poisons. It will also include surgical instruments and other appliances, anæsthetics and the method of their administration. Third-year students will also be required to attend the surgical clinics and bedside teaching at the Maine General Hospital.

During the fourth year the didactic lectures will be limited to special surgery, embracing the various surgical diseases, injuries and malformations of particular organs, tissues, and regions of the body. Students will also attend the surgical clinics and ward instruction at the Hospital. At the end of the fourth year candidates for the degree of M.D. will be examined not only in special surgery, but also in the work done at the Hospital. The professor will also be at liberty to ask questions in general surgery.

The didactic lectures are supplemented by ample bedside teaching at the Maine General Hospital. A clinic will be held at the Hospital every Saturday from 10 to 12, the visiting surgeons of which place at the disposal of the professor whatever material in their wards he desires for illustration of the topics which he has in hand.

In addition to these systematic clinics, students have the privilege of witnessing operations almost every day at the Hospital, and these will be explained and made as useful as possible by the surgeons. Opportunity will be given to observe the after-treatment and subsequent progress of the cases, sections of the class being permitted to visit the wards under the guidance of the surgeons on duty.

Minor and operative surgery receive due attention, and the most practical character is given to the instruction, the students being required to apply bandages and other dressings, and to perform operations upon the cadaver under the direct supervision of the instructor.

**MATERIA MEDICA AND THERAPEUTICS.** Instruction in this department will be given during the third and fourth year. In the third year the teaching will be given by lectures and quizzes, with special attention given to prescription-writing. In the fourth year, the lectures and quizzes will be continued, and there will also be a recitation course in practical therapeutics.



## Methods of Instruction

**MEDICAL JURISPRUDENCE.** The instruction in Medical Jurisprudence will be directed mainly to an exposition of the legal duties and responsibilities of physicians and surgeons to their patients, and also to their character and position as medical expert witnesses in courts of justice. Practical suggestions will be given for guidance in both respects.

**GYNÆCOLOGY.** The third-year students will begin the study of Diseases of Women. The method pursued will be largely that which will teach the principles of the subject by means of recitations, lectures, and cases. The work of the fourth year in this department will be almost entirely practical and clinical.

All fourth-year students will have abundant opportunities to examine patients under the direction of the instructors in gynæcology.

**DISEASES OF CHILDREN.** The instruction in this department will be given by recitations, lectures, clinical demonstrations, and study of cases by individual students, with reports and discussions by members of the class.

**MENTAL DISEASES.** The professor of this department is chief medical officer of the Pennsylvania Hospital for the Insane. Especial efforts are made to instruct the students in the early recognition of insanity, with a view to the institution of treatment at the time when it is most productive of good results.

**OPHTHALMOLOGY.** The instruction in this department is given by lectures and clinics. A weekly clinic is held at the Hospital on Saturday at 9 A. M. The various diseases will be described as cases illustrating them are available for demonstration; operations will be performed when required; and other treatment applied as may be necessary.

**PUBLIC HYGIENE.** Instruction in the form of lectures is given by the President of the State Board of Health on the principles of public sanitation, the source and character of public water-supplies, and the collection and disposal of waste, with especial reference to preventable diseases. Several hours are devoted to sanitary legislation, and the relations and obligations of the practising physician to the public and to health boards, in the management of infectious diseases.

**NEUROLOGY.** Instruction is given to the fourth class during each week throughout the year, in the form of lectures, clinics, and quizzes.

# Medical School of Maine

GENITO-URINARY SURGERY. Instruction is given each week to the fourth class, during the first half-year.

DERMATOLOGY. Instruction is given during the second half-year as above.

ORTHOPEDIC SURGERY. A clinic is held at the Hospital on each Friday morning during the year, at 9 A. M.

## THE LIBRARY

The Library of the Medical School, containing 3,700 volumes, has been combined with that of the college, which numbers 79,000 volumes. Both collections are under the same administration and are at the service of the medical students. The more recently published medical works and current numbers of professional journals are kept in a separate room in the main library building for their especial use. It is not the policy of the school to furnish text-books through its Library, or to buy largely in medical literature; yet, by means of the catalogue of the Library of the Surgeon-General's office and the system of inter-library loans, the Librarian is able to procure for use in serious investigation almost any book that may be desired.

## Text-Books

ANATOMY. Gerrish. For reference, Quain.

PHYSIOLOGY. For recitation work, Blakiston's edition of Kirke's. For reference, Landois and Sterling, Foster, Howell's "The American Text-book of Physiology." For laboratory reference, Porter's "Introduction to Physiology," and Sterling's "Practical Physiology."

CHEMISTRY. For general reference, Simon, Bartley, Pellew. For reference in urinary analysis, Purdy, Black, Tyson. For use in laboratory, Robinson's "Qualitative Chemical Analysis."

PUBLIC HYGIENE. For reference, Harrington, Coplin, and Bevan, Parke's "Practical Hygiene," Abbott's "Hygiene of the Transmissible Diseases."

MATERIA MEDICA AND THERAPEUTICS. For recitation work, Hare. For reference, White and Wilcox, H. C. Wood, Cushney.

## Text-Books

PRACTICE OF MEDICINE. Osler, Anders, Strumpell, Eichhorst, DaCosta's "Medical Diagnosis." Simon's "Clinical Diagnosis." Ewing on "The Blood."

PHYSICAL DIAGNOSIS. Cabot, Lefevre.

BACTERIOLOGY. For reference, Abbott, Muir and Richie, McFarland, Levy, and Klemperer.

PATHOLOGY. For reference, Ziegler, Mallory and Wright, Coplin, Green.

SURGERY. "The American Text-book of Surgery." DaCosta's "Modern Surgery." Dennis's "System of Surgery." Park's "Treatise on Surgery." Bryant's "Operative Surgery." "The International Text-book of Surgery." Shurley's "Diseases of Nose and Throat." Warren's "Surgical Pathology and Therapeutics." Wharton and Curtis's "The Practice of Surgery." Roberts's "Modern Surgery." Phelps's "Traumatic Injuries of the Brain."

• OBSTETRICS. Williams, "American Text-book of Obstetrics," Hirst, Jewett, Reynolds and Newell, Edgar.

DISEASES OF WOMEN. Kelley (2 vols.), E. C. Dudley, Penrose, and Reed.

DISEASES OF CHILDREN. Holt, Rotch, Williams.

MEDICAL JURISPRUDENCE. Taylor with Bell's Notes, Ewell.

DISEASES OF THE EYE. Nettleship, Swanzay, DeSchweinitz.

DERMATOLOGY. Walker's "Introduction."

ORTHOPEDIC SURGERY. Bradford and Lovell.

DICTIONARIES. Dorland (Illustrated), Duane, Gould.



ALUMNI ASSOCIATIONS AND SPECIAL  
FITTING SCHOOLS



## Alumni Associations

### THE GENERAL ASSOCIATION

*President*, FRANKLIN CONANT PAYSON, Esq.; *Vice-President*, CHARLES TAYLOR HAWES; *Secretary and Treasurer*, DR. GEORGE T. LITTLE, Brunswick, Me.

### ASSOCIATION OF BOSTON

*President*, EDWARD STANWOOD, Litt. D.; *Secretary*, HENRY S. CHAPMAN, 38 Rockview St., Jamaica Plain, Boston, Mass.

### THE BOWDOIN CLUB OF BOSTON

*President*, D. O. S. LOWELL, A. M.; *Secretary*, ELLIS SPEAR, Jr., 231 Tremont Bldg., Boston, Mass.

### ASSOCIATION OF NEW YORK

*President*, PARKER P. SIMMONS; *Secretary*, DR. FREDERICK HENRY DILLINGHAM, 76 West 85th Street, New York City.

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*President*, HON. MELVILLE WESTON FULLER, LL.D.; *Secretary*, WILLIAM FRYE WHITE, Sun Building, Washington, D. C.

### ASSOCIATION OF PORTLAND

*President*, CHARLES FREEMAN LIBBY, LL.D.; *Secretary*, PERCIVAL P. BAXTER, First National Bank Bldg., Portland, Me.

### ASSOCIATION OF FRANKLIN COUNTY

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# Bowdoin College

## ASSOCIATION OF OXFORD COUNTY

*President*, HON. ADDISON E. HERRICK, A.M.; *Secretary*, FRANK KIMBALL, Esq., Norway, Me.

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## BANGOR ALUMNI ASSOCIATION

*President*, PROFESSOR JOHN S. SEWALL, D.D.; *Secretary*, DR. BERTRAM LEWIS BRYANT, A.M., Bangor, Me.

## PHILIPPINE ALUMNI ASSOCIATION

*President*, CLARENCE E. BAKER, Esq.; *Secretary*, ALBRO L. BURNELL, Claveria, Luzon, P. I.

## ALUMNI RECORD

It is desired to keep as full a record as possible of the residences, occupations, and public services of the alumni. Information is solicited in regard to these points, and also in regard to matters appropriate to the obituary record annually published by the college.

The last edition of the General Catalogue, issued in June, 1902, with a supplement containing names of the Class of 1903, is a bound octavo of 266 pages, and will be mailed to any address on the receipt of fifty cents.

Communications should be addressed to the College Librarian.

# Special Fitting Schools

## Special Fitting Schools

The schools noticed on the following pages have been constituted special Fitting Schools for Bowdoin College by the action of their several Boards of Trustees, in concurrence with the College Boards. They are annually examined by representatives of the college. Graduates of the schools, however, are required to pass the regular college entrance examinations for admission, at the same dates and under the same conditions as are prescribed for students of other preparatory schools, unless the school is approved by the New England College Entrance Certificate Board.

### FRYEBURG ACADEMY

Fryeburg, Me.

INCORPORATED FEBRUARY 9, 1792.

EMERSON LELAND ADAMS, A.M., *Principal*.

This school offers five courses of study, of four years each :

- I. A Classical College Preparatory Course.
- II. A Scientific College Preparatory Course.
- III. An English Course.
- IV. A Business Course, including two years' training in Stenography and Typewriting.
- V. A Normal Training Course.

The Academy is on the approved list of the New England College Entrance Certificate Board.

### EXPENSES

**TUITION.** The cost of tuition is \$7.00 per term for all branches, music, drawing, and painting included.

**BOARD.** The cost of board in the dormitories is \$3.50 a week, including heating and lights. Rooms in private houses may be obtained at from 30 to 50 cents a week. Board in clubs, if desired, can be had at very cheap rates.

# Bowdoin College

## CALENDAR

Fall Term of 14 weeks, began September 13, 1904.

Winter Term of 12 weeks, begins January 3, 1905.

Spring Term of 11 weeks, begins April 3, 1905.

Fall Term of 14 weeks, begins September 12, 1905.

*Examiner appointed by the college for 1904-1905:* Assistant Professor Roscoe James Ham.

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## WASHINGTON ACADEMY

East Machias, Me.

INCORPORATED MARCH 7, 1792.

ARCHIE SHERMAN HARRIMAN, A.B., *Principal*.

This academy offers two courses of study:

- I. A College Preparatory Course, of four years
- II. An English Scientific Course, of four years.

The Academy is on the approved list of the New England College Entrance Certificate Board.

## EXPENSES

**TUITION.** As the income of the endowment fund pays most of the expenses of the school, the tuition fee is only \$5.00 a term, which covers all expenses.

**BOARD.** The cost of board does not exceed \$3.50 a week. Rooms can be obtained at reasonable rates by those who wish to board themselves.

## CALENDAR

Fall Term of 13 weeks, began September 5, 1904.

Winter Term of 13 weeks, begins December 12, 1904.

Spring Term of 13 weeks, begins March 19, 1905.

*Examiner appointed by the college for 1904-1905:* Professor William Albion Moody.

# Special Fitting Schools

## LINCOLN ACADEMY

Newcastle, Me.

INCORPORATED FEBRUARY 23, 1801.

GEORGE HOWARD LARRABEE, A.M., *Principal*.

This school offers three courses of study:

- I. A College Preparatory Course, of four years.
- II. An English Course, of four years.
- III. Teacher's Training Course, of four years.

The academy is on the approved list of the New England College Entrance Certificate Board.

## EXPENSES

TUITION. Fall and Spring Terms, \$6.00 to \$7.00; Winter and Summer Terms, \$4.00 to \$5.00.

BOARD. Board can be obtained at from \$3.00 to \$4.00 per week. Rooms for self-boarding may be secured at reasonable rates.

## CALENDAR

Fall Term, of 11 weeks, began September 6, 1904.

Winter Term, of 8 weeks, begins November 28, 1904.

Spring Term, of 11 weeks, begins January 30, 1905.

Summer Term, of 8 weeks, begins April 24, 1905.

*Examiner appointed by the college for 1904-1905:* Professor George Taylor Files.

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## THORNTON ACADEMY

Saco, Me.

INCORPORATED FEBRUARY 16, 1811.

EDWIN PRESCOTT SAMPSON, A.M., *Principal*.

This academy offers four courses of study, of four years each:

- I. A Classical College Preparatory Course.
- II. A Scientific College Preparatory Course.
- III. An English Course.
- IV. A Business Course.

# Bowdoin College

The academy is on the approved list of the New England College Entrance Certificate Board.

## EXPENSES

**TUITION.** Tuition in each course is \$10.00 a term, payable in advance. Those desiring to take special studies will be charged \$5.00 a term for each study.

**BOARD.** Board can be obtained in the city at from \$4.00 to \$6.00 a week.

**BOOKS.** Students not residents of Saco must purchase their own books.

## CALENDAR

Fall Term began September 12, 1904.

Winter Term begins January 2, 1905.

Spring Term begins April 3, 1905.

Fall Term begins September 11, 1905.

*Examiner appointed by the college for 1904-1905: William Trufant Foster, A.M.*













UNIVERSITY OF ILLINOIS-URBANA



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